

Zero-based index (IDX)	Red Green Blue color component (0..255)	Brain structure name (latest version)	Abbreviation	v1	v1.01	v2 status	v3	v3.01	v4
0	0 0 0	"Clear Label"		new	unchanged	revised	revised	revised	revised
1	255 52 39	"corticofugal tract and corona radiata"	ic-cp-lfp-py	new	unchanged	revised	revised	unchanged	revised
2	255 186 0	"substantia nigra"		new	unchanged	unchanged	revised	unchanged	replaced
3	0 0 255	"Subthalamic nucleus"	STh	new	unchanged	unchanged	revised	unchanged	revised
4	255 255 1	"Molecular cell layer of the cerebellum"	Cb-m	new	unchanged	revised	revised	unchanged	unchanged
5	0 255 255	"Cerebellum, unspecified"	Cb-u	new	unchanged	revised	revised	unchanged	unchanged
6	255 0 255	"alveus of the hippocampus"	alv	new	unchanged	revised	unchanged	unchanged	revised
7	52 255 13	"inferior cerebellar peduncle"	icp	new	unchanged	unchanged	revised	unchanged	unchanged
10	29 104 235	"Cingulate area 2"	Cg2	new	unchanged	unchanged	unchanged	unchanged	revised
14	46 139 87	"dorsal-lateral entorhinal area"		new	unchanged	replaced			
15	127 129 255	"dorsal-intermediate entorhinal area"		new	unchanged	replaced			
17	221 100 121	"perirhinal cortex"		new	unchanged	replaced			
30	129 79 255	"striatum"		new	unchanged	revised	revised	unchanged	replaced
31	255 145 186	"globus pallidus"		new	unchanged	unchanged	unchanged	unchanged	replaced
32	26 231 255	"Entopeduncular nucleus"	EP	new	unchanged	unchanged	revised	unchanged	revised
33	2 44 255	"Ventricular system, unspecified"	V-u	new	unchanged	revised	revised	unchanged	revised
34	212 255 0	"medial lemniscus, unspecified"	ml-u	new	unchanged	unchanged	unchanged	unchanged	revised
35	255 25 240	"facial nerve, unspecified"	7n-u	new	unchanged	unchanged	revised	unchanged	unchanged
36	124 252 0	"anterior commissure, anterior limb"	aca	new	unchanged	unchanged	unchanged	unchanged	revised
37	255 186 0	"anterior commissure, posterior limb"	acp	new	unchanged	unchanged	unchanged	unchanged	revised
38	174 0 232	"ventral hippocampal commissure"	vhc	new	unchanged	unchanged	unchanged	unchanged	unchanged
39	0 100 0	"thalamus"		new	unchanged	revised	revised	unchanged	replaced
40	255 8 0	"Septal region"	Sep	new	unchanged	revised	unchanged	unchanged	revised
41	48 218 0	"optic nerve"	2n	new	unchanged	unchanged	unchanged	unchanged	unchanged
42	38 126 255	"optic tract and optic chiasm"	opt-och	new	unchanged	revised	unchanged	unchanged	revised
43	218 170 62	"Pineal gland"	PG	new	unchanged	unchanged	unchanged	unchanged	unchanged
44	0 165 21	"inner ear"		new	unchanged	revised	revised	replaced	
45	134 255 90	"Spinal cord"	SpC	new	unchanged	unchanged	unchanged	unchanged	unchanged
46	33 230 255	"commissure of the superior colliculus"	csc	new	unchanged	unchanged	unchanged	unchanged	revised
47	153 83 255	"Brainstem, unspecified"	BS-u	new	unchanged	revised	revised	unchanged	revised
48	226 120 161	"Hypothalamic region, unspecified"	HTh-u	new	unchanged	unchanged	unchanged	unchanged	revised
49	238 47 44	"inferior colliculus"		new	unchanged	revised	replaced		
50	86 0 221	"Superficial gray layer of the superior colliculus"	SuG	new	unchanged	revised	revised	unchanged	unchanged
51	7 255 89	"Periaqueductal gray"	PAG	new	unchanged	revised	revised	unchanged	revised
52	21 192 255	"fornix"	f	new	unchanged	unchanged	unchanged	unchanged	revised
53	238 186 0	"mammillothalamic tract"	mtg	new	unchanged	unchanged	unchanged	unchanged	revised

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54	173 255 47	"commissural stria terminalis"	cst	new	unchanged	unchanged	unchanged	unchanged	revised
55	225 151 15	"Deeper layers of the superior colliculus"	SuD	new	unchanged	unchanged	revised	unchanged	revised
56	235 87 255	"Periventricular gray"	PVG	new	unchanged	unchanged	revised	unchanged	unchanged
57	250 244 247	"genu of the facial nerve"	g7	new	unchanged	unchanged	revised	unchanged	unchanged
58	0 215 11	"Pontine nuclei"	Pn	new	unchanged	unchanged	revised	unchanged	unchanged
59	0 255 29	"fimbria of the hippocampus"	fi	new	unchanged	revised	revised	unchanged	revised
60	244 67 69	"fasciculus retroflexus"	fr	new	unchanged	unchanged	unchanged	unchanged	revised
61	0 255 0	"stria medullaris thalami"	sm	new	unchanged	revised	unchanged	unchanged	revised
62	238 117 51	"stria terminalis"	st	new	unchanged	unchanged	revised	unchanged	revised
63	255 0 218	"posterior commissure"	pc	new	unchanged	unchanged	unchanged	unchanged	revised
64	15 109 230	"Glomerular layer of the accessory olfactory bulb"	GlA	new	unchanged	unchanged	unchanged	unchanged	revised
65	255 227 0	"Glomerular layer of the olfactory bulb"	Gl	new	unchanged	unchanged	unchanged	unchanged	revised
66	255 135 0	"Olfactory bulb, unspecified"	OB-u	new	unchanged	revised	unchanged	unchanged	revised
67	255 110 0	"corpus callosum and associated subcortical white matter"	cc-ec-cing-dwm	new	unchanged	revised	revised	unchanged	revised
68	188 32 173	"brachium of the superior colliculus"	bsc	new	unchanged	revised	unchanged	unchanged	revised
69	255 42 39	"inferior colliculus, commissure"	cic	new	unchanged	unchanged	revised	unchanged	unchanged
70	39 244 253	"Central canal"	CC	new	unchanged	unchanged	unchanged	unchanged	unchanged
71	63 192 255	"Interpeduncular nucleus"	IP	new	unchanged	unchanged	unchanged	unchanged	unchanged
72	179 28 53	"ascending fibers of the facial nerve"	asc7	new	unchanged	unchanged	revised	unchanged	unchanged
73	255 79 206	"anterior commissure, intrabulbar part"	aci	new	unchanged	unchanged	unchanged	unchanged	revised
74	0 246 14	"Inferior olive"	IO	new	unchanged	unchanged	unchanged	unchanged	unchanged
75	91 241 255	"Spinal trigeminal nucleus"	Sp5n	new	unchanged	unchanged	revised	unchanged	unchanged
76	250 128 114	"spinal trigeminal tract"	sp5t	new	unchanged	revised	revised	unchanged	revised
77	206 211 7	"Frontal association cortex"	FrA	new	unchanged	unchanged	unchanged	unchanged	revised
78	134 204 76	"middle cerebellar peduncle"	mcp	new	unchanged	unchanged	revised	unchanged	unchanged
79	128 170 255	"transverse fibers of the pons"	tfp	new	unchanged	unchanged	revised	unchanged	unchanged
80	69 235 202	"habenular commissure"	hbc	new	unchanged	unchanged	unchanged	unchanged	revised
81	222 7 237	"Nucleus of the stria medullaris"	SMn	new	unchanged	unchanged	unchanged	unchanged	revised
82	225 240 13	"Basal forebrain region, unspecified"	BFR-u	new	unchanged	revised	revised	unchanged	revised
83	250 170 64	"supraoptic decussation"	sox	new	unchanged	unchanged	unchanged	unchanged	revised
84	65 150 255	"medial lemniscus decussation"	mlx	new	unchanged	unchanged	unchanged	unchanged	unchanged
85	114 9 212	"pyramidal decussation"	pyx	new	unchanged	unchanged	unchanged	unchanged	unchanged
86	14 71 226	"hippocampal formation"		new	unchanged	replaced			
87	221 217 81	"subiculum"		new	unchanged	replaced			

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88	137 211 85	"postrhinal cortex"		new	unchanged	replaced			
89	139 0 139	"ventral-intermediate entorhinal area"		new	unchanged	replaced			
90	65 255 39	"medial entorhinal field"		new	unchanged	replaced			
91	255 187 13	"caudal entorhinal field"		new	unchanged	replaced			
92	3 193 45	"neocortex"		new	unchanged	revised	revised	unchanged	replaced
93	0 8 182	"Bed nucleus of the stria terminalis"	BNST	new	unchanged	unchanged	unchanged	unchanged	revised
94	255 87 30	"Pretectal region"	PRT	new	unchanged	revised	revised	unchanged	revised
95	165 131 107	"Cornu ammonis 3"	CA3			new	unchanged	unchanged	revised
96	91 45 10	"Dentate gyrus"	DG			new	unchanged	unchanged	revised
97	255 255 0	"Cornu ammonis 2"	CA2			new	unchanged	unchanged	revised
98	217 104 13	"Cornu ammonis 1"	CA1			new	unchanged	unchanged	revised
99	255 0 0	"Fasciola cinereum"	FC			new	unchanged	unchanged	revised
100	255 192 0	"Subiculum"	SUB			new	unchanged	unchanged	revised
108	40 112 130	"Postrhinal cortex"	POR			new	revised	unchanged	revised
109	80 123 175	"Presubiculum"	PrS			new	revised	unchanged	revised
110	23 54 96	"Parasubiculum"	PaS			new	revised	unchanged	revised
112	205 51 255	"Perirhinal area 35"	PER35			new	unchanged	unchanged	revised
113	112 48 160	"Perirhinal area 36"	PER36			new	revised	unchanged	revised
114	122 187 51	"Medial entorhinal cortex"	MEC			new	unchanged	unchanged	revised
115	90 111 47	"Lateral entorhinal cortex"	LEC			new	unchanged	unchanged	unchanged
119	0 144 55	"Vestibular apparatus"	VeA				new	unchanged	unchanged
120	0 255 28	"Cochlea"	Co				new	unchanged	unchanged
121	253 148 0	"Cochlear nerve"	8cn				new	unchanged	unchanged
122	253 50 0	"Vestibular nerve"	8vn				new	unchanged	unchanged
123	0 12 255	"Ventral cochlear nucleus, granule cell layer"	GCL				new	unchanged	unchanged
125	52 29 144	"4th ventricle"	4V				new	unchanged	unchanged
126	92 156 211	"Dorsal cochlear nucleus, molecular layer"	DCNM				new	unchanged	replaced
127	0 80 156	"Dorsal cochlear nucleus, fusiform and granule layer"	DCNFG				new	unchanged	replaced
128	197 238 255	"Dorsal cochlear nucleus, deep core"	DCND				new	unchanged	replaced
129	255 217 0	"acoustic striae"	as				new	unchanged	unchanged
130	213 255 0	"trapezoid body"	tz				new	unchanged	unchanged
131	0 255 81	"Nucleus of the trapezoid body"	NTB				new	unchanged	unchanged
132	0 238 255	"Superior paraolivary nucleus"	SPN				new	unchanged	unchanged
133	219 239 61	"Medial superior olive"	MSO				new	unchanged	unchanged
134	35 76 190	"Lateral superior olive"	LSO				new	unchanged	unchanged

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135	1 153 21	"Superior periolivary region"	SPR				new	unchanged	unchanged
136	0 174 255	"Ventral periolivary nuclei"	VPO				new	unchanged	unchanged
137	255 0 115	"Lateral lemniscus, ventral nucleus"	VLL				new	unchanged	unchanged
138	171 16 91	"Lateral lemniscus, intermediate nucleus"	ILL				new	unchanged	unchanged
139	108 18 91	"Lateral lemniscus, dorsal nucleus"	DLL				new	unchanged	unchanged
140	255 29 0	"lateral lemniscus, commissure"	ll-c				new	unchanged	unchanged
141	255 166 0	"lateral lemniscus, unspecified"	ll-u				new	unchanged	unchanged
142	206 255 142	"Inferior colliculus, dorsal cortex"	DCIC				new	unchanged	unchanged
143	0 238 254	"Inferior colliculus, central nucleus"	CNIC				new	unchanged	unchanged
145	48 136 203	"Inferior colliculus, external cortex"	ECIC				new	unchanged	unchanged
146	176 58 72	"inferior colliculus, brachium"	bic				new	unchanged	revised
147	10 244 217	"medial geniculate body, medial division"					new	unchanged	replaced
148	239 163 0	"medial geniculate body, dorsal division"					new	unchanged	replaced
149	131 58 31	"medial geniculate body, ventral division"					new	unchanged	replaced
150	255 47 242	"Medial geniculate body, marginal zone"	MG-mz				new	unchanged	revised
151	255 215 0	"Primary auditory area"	Au1				new	unchanged	revised
152	240 255 255	"Secondary auditory area, dorsal part"	Au2-d				new	unchanged	revised
153	216 191 216	"Secondary auditory area, ventral part"	Au2-v				new	unchanged	revised
157	244 156 255	"external medullary lamina, auditory radiation"	eml-ar				new	unchanged	revised
158	34 152 255	"Ventral cochlear nucleus, anterior part"	AVCN				new	unchanged	unchanged
159	0 230 207	"Ventral cochlear nucleus, posterior part"	PVCN				new	unchanged	unchanged
160	0 255 106	"Ventral cochlear nucleus, cap area"	Cap				new	unchanged	unchanged
162	185 255 233	"Spiral ganglion"	SpG				new	unchanged	unchanged
163	99 205 0	"Nucleus sagulum"	Sag				new	unchanged	unchanged
164	110 0 255	"Reticular (pre)thalamic nucleus, auditory segment"	RT-a				new	unchanged	revised
180	255 0 221	"lateral olfactory tract"	lot						new
181	0 204 255	"Piriform cortex, layer 1"	PIR1						new
182	0 0 254	"Piriform cortex, layer 2"	PIR2						new
183	165 120 221	"Piriform cortex, layer 3"	PIR3						new
184	230 216 250	"Nucleus accumbens, core"	NAc-c						new
187	99 197 18	"Substantia nigra, reticular part"	SN-r						new
188	255 255 127	"Substantia nigra, compact part"	SN-c						new
189	0 159 159	"Substantia nigra, lateral part"	SN-l						new
192	88 47 108	"Nucleus accumbens, shell"	NAc-sh						new
193	0 162 255	"Ventral pallidum"	VP						new

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195	255 85 255	"Globus pallidus external, medial part"	GPe-m						new
196	127 255 212	"Ventral tegmental area"	VTA						new
197	129 79 155	"Caudate putamen"	CPu						new
198	200 25 200	"Globus pallidus external, lateral part"	GPe-l						new
199	220 20 60	"Ventral striatal region, unspecified"	VSR-u						new
200	0 217 255	"Reticular (pre)thalamic nucleus, unspecified"	RT-u						new
201	183 199 136	"Peripeduncular nucleus"	PP						new
204	255 25 0	"Pregeniculate nucleus"	PrG						new
205	255 226 0	"Dorsal lateral geniculate nucleus"	DLG						new
206	217 108 0	"Lateral habenular nucleus"	LHb						new
207	205 0 24	"Medial habenular nucleus"	MHb						new
208	228 112 214	"Posterior intralaminar nucleus"	PIL						new
210	255 255 200	"Posterior thalamic nuclear group, triangular part"	Po-t						new
211	205 0 6	"Parataenial thalamic nucleus"	PT						new
213	131 10 121	"Anterodorsal thalamic nucleus"	AD						new
214	239 121 218	"Anterovenral thalamic nucleus, dorsomedial part"	AV-dm						new
215	101 35 142	"Anterovenral thalamic nucleus, ventrolateral part"	AV-vl						new
216	0 255 17	"Rhomboid thalamic nucleus"	Rh						new
218	35 255 236	"Xiphoid thalamic nucleus"	Xi						new
219	255 170 0	"Reuniens thalamic nucleus"	Re						new
221	0 185 126	"Ventromedial thalamic nucleus"	VM						new
222	130 0 217	"Submedius thalamic nucleus"	SMT						new
223	139 93 139	"Angular thalamic nucleus"	Ang						new
227	255 0 254	"Ventral posteromedial thalamic nucleus"	VPM						new
228	255 123 0	"Laterodorsal thalamic nucleus, dorsomedial part"	LD-dm						new
229	43 153 31	"Laterodorsal thalamic nucleus, ventrolateral part"	LD-vl						new
230	255 255 2	"Posterior thalamic nucleus"	Po						new
231	170 170 255	"Ventrolateral thalamic nucleus"	VL						new
232	255 85 127	"Mediodorsal thalamic nucleus, lateral part"	MD-l						new
233	85 170 0	"Mediodorsal thalamic nucleus, central part"	MD-c						new
235	216 191 217	"Zona incerta, dorsal part"	ZI-d						new
236	75 200 138	"Zona incerta, ventral part"	ZI-v						new
238	194 71 79	"Zona incerta, A13 dopamine cells"	ZI-A13						new
239	219 143 247	"pretectothalamic lamina"	ptl						new
240	170 255 255	"Mediodorsal thalamic nucleus, medial part"	MD-m						new

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242	156 51 51	"Paraventricular thalamic nuclei (anterior and posterior)"	PV						new
246	240 248 255	"Paracentral thalamic nucleus"	PCN						new
247	224 182 64	"Central medial thalamic nucleus"	CM						new
248	153 50 204	"Central lateral thalamic nucleus"	CL						new
249	170 255 0	"external medullary lamina, unspecified"	eml-u						new
254	0 85 255	"Anteromedial thalamic nucleus"	AM						new
255	248 117 222	"Interanteromedial thalamic nucleus"	IAM						new
257	30 144 255	"Zona incerta, rostral part"	ZI-r						new
260	160 82 45	"Intermediodorsal thalamic nucleus"	IMD						new
266	0 255 8	"Ventral posterior nucleus of the thalamus, parvicellular part"	VP-pc						new
267	255 239 213	"Parafascicular thalamic nucleus"	PF						new
268	0 0 205	"Retroreuniens thalamic nucleus"	RRe						new
270	210 182 140	"superior cerebellar peduncle and prerubral field"	scp-pr						new
272	0 0 128	"Intergeniculate leaflet"	IGL						new
278	233 150 122	"Subparafascicular nucleus"	SPF						new
280	255 250 250	"Fields of Forel"	FoF						new
281	147 112 219	"Subgeniculate nucleus"	SubG						new
282	131 50 128	"Ethmoid-Limitans nucleus"	Eth						new
283	199 87 61	"Lateral posterior thalamic nucleus, lateral part"	LP-l						new
284	255 182 193	"Zona incerta, A11 dopamine cells"	ZI-A11						new
285	60 179 113	"Lateral posterior thalamic nucleus, mediorostral part"	LP-mr						new
286	255 235 205	"Lateral posterior thalamic nucleus, mediocaudal part"	LP-mc						new
287	255 228 196	"Zona incerta, caudal part"	ZI-c						new
290	155 148 111	"intramedullary thalamic area"	ima						new
291	255 92 10	"internal medullary lamina"	iml						new
293	255 136 0	"Ventral anterior thalamic nucleus"	VA						new
294	171 86 62	"Ventral posterolateral thalamic nucleus"	VPL						new
295	239 163 0	"Medial geniculate body, dorsal division"	MG-d						new
297	10 244 217	"Medial geniculate body, medial division"	MG-m						new
298	131 58 31	"Medial geniculate body, ventral division"	MG-v						new
299	10 244 150	"Medial geniculate body, suprageniculate nucleus"	MG-sg						new
400	255 0 1	"Ventrolateral orbital area"	VLO						new
401	255 174 201	"Lateral orbital area"	LO						new
402	200 191 231	"Ventral orbital area"	VO						new
403	63 72 204	"Medial orbital area"	MO						new

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404	185 122 87	"Dorsolateral orbital area"	DLO						new
405	163 73 164	"Prelimbic area"	PrL						new
406	0 162 232	"Secondary motor area"	M2						new
407	136 0 21	"Frontal association area 3"	Fr3						new
408	153 217 234	"Primary motor area"	M1						new
409	255 201 14	"Agranular insular cortex, ventral area"	AI-v						new
410	255 127 39	"Agranular insular cortex dorsal area "	AI-d						new
411	0 128 128	"Cingulate area 1"	Cg1						new
412	153 217 200	"Claustrum"	CLA						new
413	34 177 76	"Infralimbic area"	IL						new
414	255 242 0	"Dysgranular insular cortex"	DI						new
416	239 228 176	"Granular insular cortex"	GI						new
417	185 14 131	"Primary somatosensory area, forelimb representation"	S1-fl						new
418	237 28 36	"Primary somatosensory area, dysgranular zone"	S1-dz						new
420	255 128 192	"Primary somatosensory area, face representation"	S1-f						new
422	200 100 250	"Secondary somatosensory area"	S2						new
423	136 100 21	"Primary somatosensory area, hindlimb representation"	S1-hl						new
424	181 230 29	"Agranular insular cortex, posterior area "	AI-p						new
425	120 177 76	"Primary somatosensory area, barrel field"	S1-bf						new
427	200 73 164	"Retrosplenial dysgranular area"	RSD						new
429	225 150 201	"Primary somatosensory area, trunk representation"	S1-tr						new
430	25 100 200	"Retrosplenial granular area"	RSG						new
432	255 240 29	"Parietal association cortex, lateral area"	IPPC						new
433	108 0 108	"Parietal association cortex, medial area"	mPPC						new
436	128 0 64	"Parietal association cortex, posterior area "	PIP						new
442	84 52 35	"Primary visual area"	V1						new
443	255 100 100	"Secondary visual area, lateral part"	V2L						new
444	0 128 0	"Temporal association cortex"	TeA						new
448	128 0 100	"Secondary visual area, medial part"	V2M						new
500	1 10 100	"Endopiriform nucleus"	Endo						new
501	2 20 200	"Amygdaloid area, unspecified"	Am-u						new
502	230 184 67	"Nucleus of the lateral olfactory tract"	NLOT						new