

## ***rgb* → *rgb\** and CIE data of a elementary hue circle**

**according to CIE R1-47:2009 for *sRGB* display  $L_r=0\%$**

<b><i>Code</i></b>	<b><math>L^*_a</math></b>	<b><math>a^*_a</math></b>	<b><math>b^*_a</math></b>	<b><math>C^*_{ab,a}</math></b>	<b><math>h_{ab}</math></b>	<b><i>rgb</i> → <i>rgb*</i></b>
<b>Red <i>R</i> of the elementary hues <i>RJGB</i>: <math>h_{ab,a} = 25.4, 92.3, 162.2, 271.7</math></b>						
<b><i>r00j=R</i></b>	50.9	78.1	37.1	86.4	<b>25.4</b>	<b>1.00 0.00 0.00</b>
<b><i>0,5(R+N)</i></b>	25.4	39.0	18.5	43.2	<b>25.4</b>	<b>0.50 0.00 0.00</b>
<b><i>0,5(R+W)</i></b>	73.1	39.0	18.5	43.2	<b>25.4</b>	<b>1.00 0.50 0.50</b>
<b>5 step equidistant grey scale: <math>L^* = 0.0, 23.8, 47.7, 71.5, 95.4</math></b>						
<b><i>n000w=N</i></b>	<b>0.0</b>	0.0	0.0	0.0	0.0	<b>0.00 0.00 0.00</b>
<b><i>n025w</i></b>	<b>23.8</b>	0.0	0.0	0.0	325.3	<b>0.25 0.25 0.25</b>
<b><i>n050w</i></b>	<b>47.7</b>	0.0	0.0	0.0	325.1	<b>0.50 0.50 0.50</b>
<b><i>n075w</i></b>	<b>71.4</b>	0.0	0.0	0.0	325.1	<b>0.75 0.75 0.75</b>
<b><i>n100w=W</i></b>	<b>95.4</b>	0.0	0.0	0.0	0.0	<b>1.00 1.00 1.00</b>