

**basic and mixed additive optimal colors for illuminant D65**

<b>basic color or mixed color and name</b>	<b>CIE standard chromaticity</b>		<b>CIE standard tristimulus value</b>		
	<i>x</i>	<i>y</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
<i>three additive basic optimal colors:</i>					
<i>O</i> orangered	0,6695	0,3302	42,65	21,04	0,02
<i>L</i> leafgreen	0,2991	0,6351	34,87	74,04	7,67
<i>V</i> violetblue	0,1445	0,0393	18,06	4,90	102,02
<i>three additive mixed optimal colors:</i>					
<i>C</i> cyanblue	0,2191	0,3268	52,94	78,96	109,70
<i>M</i> magentared	0,3218	0,1375	60,73	25,95	102,04
<i>Y</i> yellow	0,4300	0,5274	77,53	95,09	7,69
<i>D65</i> (white)	0,3131	0,3275	95,60	100,00	109,71