$XYZ_{w}=84.1998 , 88.59 , 96.46$

$a^* = 500\ (a' - a'_n)\ Y^{1/3}$

$b^* = 500\ (b' - b'_n)\ Y^{1/3}$

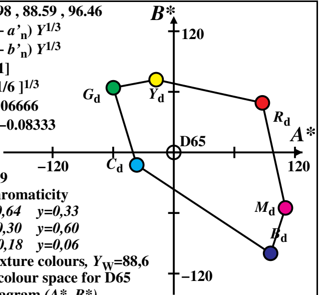
$a = a_2\ [x/y + 1]$

$b = b_2\ [z/y + 1/6\ ]^{1/3}$

$a_2 = 1/15 = 0.06666$

$b_2 = -1/12 = -0.08333$

$n =$ **D65**



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Name and chromaticity

$R_{d,sRGB}$ **$x=0{,}64$ $y=0{,}33$**

$G_{d,sRGB}$ **$x=0{,}30$ $y=0{,}60$**

$B_{d,SRGB}$ **$x=0{,}18$ $y=0{,}06$**

Basic and mixture colours, $Y_W=88{,}6$ of the *sRGB* colour space for D65 in chroma diagram *(A*, B*)*