Converting Colors

RYB(194, 65, 223)

Have a look what the booklet for RYB(194, 65, 223) contains.

Color

RYB(194, 65, 223)

Conversions

Conversions Part 1

Format	Color
Hex	C241DF
RGB	194, 65, 223
RGB Percent	76%, 25%, 87%
CMY	0.2392, 0.7451, 0.1255
CMYK	0.13, 0.71, 0.00, 0.13
HSL	289°, 71%, 56%
HSV	289°, 71%, 87%
XYZ	37.4577, 20.5776, 71.8097
YIQ	121.5830, 26.1660, 76.4860

Conversions

Conversions Part 2

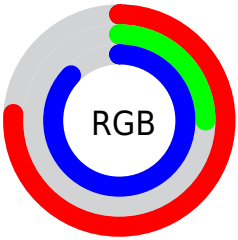
Format	Color
RYB	194, 65, 223
Decimal	12730847
CIELab	52.48, 71.39, -56.01
CIELCh	52, 90.743, 321.883
Yxy	20.5776, 0.2885, 0.1585
Android (android.graphics.Color)	4290920927 (0xFFC241DF)
YUV	121.5830, 49.9986, 63.5097
Hunter-Lab	45.3626, 68.0101, -62.1032

Details

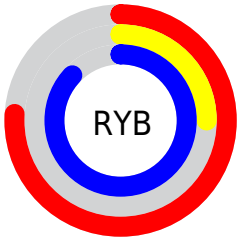
The RYB color 194, 65, 223 is a light color, and the websafe version is hex CC33CC. The color can be described as light muted magenta. A complement of this color would be 65, 223, 194, and the grayscale version is 121, 121, 121.

A 20% lighter version of the original color is 254, 124, 255, and 136, 0, 167 is the 20% darker color. If you saturate the color by 10%, you get 190, 43, 223, and if you desaturate by 10%, it is 198, 87, 223.

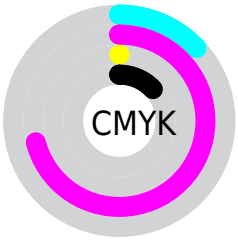
Distribution



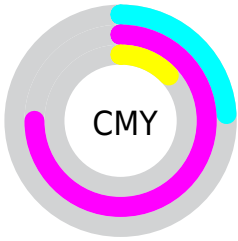
- Red (76%)
- Green (25%)
- Blue (87%)



- Red (76%)
- Yellow (25%)
- Blue (87%)



- Cyan (13%)
- Magenta (71%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (75%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 65, 223 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 194, 65, 223 by changing the saturation by 10% instead.

194, 65, 223

255, 255, 255

254, 124, 255

255, 152, 255

255, 181, 255

255, 210, 255

255, 240, 255

194, 65, 223

165, 30, 195

136, 0, 167

108, 0, 140

79, 0, 114

52, 0, 88

20, 0, 64

0, 3, 41

0, 1, 19

0, 0, 0

194, 65, 223

190, 43, 223

186, 20, 223

182, 0, 223

194, 65, 223

198, 87, 223

202, 110, 223

206, 132, 223

210, 154, 223

214, 177, 223

219, 199, 223

223, 221, 223

223, 243, 239

223, 255, 247

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

0, 79, 255

194, 65, 223

248, 0, 150

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

194, 65, 223

81, 170, 0

0, 84, 182

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

194, 65, 223

65, 223, 194

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

0, 94, 155

194, 65, 223

0, 138, 40

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

194, 65, 223

224, 108, 0

0, 150, 150

0, 95, 248

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

194, 65, 223

255, 0, 98

0, 150, 150

0, 79, 157

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

194, 65, 223

245, 201, 255

65, 92, 223

122, 96, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

194, 65, 223

215, 38, 255

223, 65, 176

110, 101, 112

144, 0, 176

40, 0, 48

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

223, 65, 94

255, 38, 78

65, 187, 223

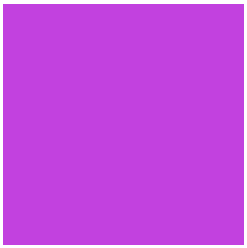
112, 101, 103

176, 0, 32

48, 0, 9

Previews

White Background

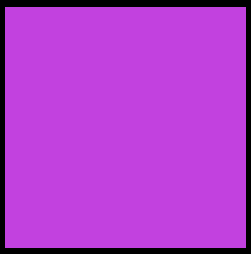


This preview shows how the RYB color 194, 65, 223 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



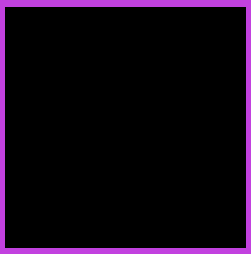
This preview shows how the RYB color 194, 65, 223 looks on a black background.

Color Contrast Check

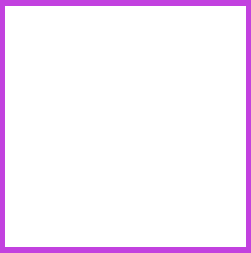
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 194, 65, 223 Background



This preview shows how black text looks on a background with the RYB color 194, 65, 223.

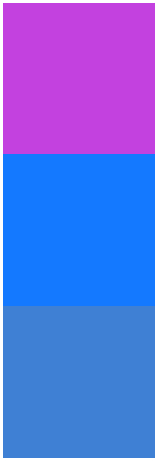


This preview shows how white text looks on a background with the RYB color 194, 65, 223.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy



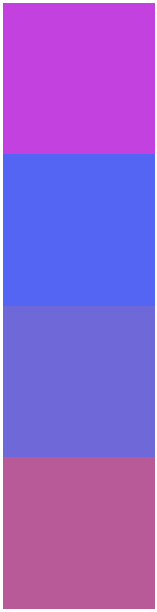
Original Color
194, 65, 223

Protanopia
21, 91, 255

Deuteranopia
63, 108, 212

Tritanopia
179, 103, 111

Trichromacy



Original Color
194, 65, 223

Protanomaly
84, 99, 243

Deuteranomaly
111, 104, 216

Tritanomaly
184, 89, 152

Monochromacy

Original Color
194, 65, 223

Achromatopsia
122, 122, 122

Achromatomaly
148, 101, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 65, 223 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(194, 65, 223) looks like.

```
.text, #text, p{
    color:rgb(194, 65, 223)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(194, 65, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 65, 223) }
```

Border

The CSS property to change the border of an element to RYB 194, 65, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 65, 223) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(194, 65, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(194, 65, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 65, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 65, 223); box-shadow:4px 4px 4px 4px rgb(194, 65, 223) }
```

Background

The CSS property to change the background color of an element to RYB 194, 65, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(194, 65, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(194, 65,
223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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