

Converting Colors

`RYB(194, 109, 176)`

Have a look what the booklet for RYB(194, 109, 176) contains.

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Color

`RYB(194, 109, 176)`

Conversions

Conversions Part 1

Format	Color
Hex	C26DB0
RGB	194, 109, 176
RGB Percent	76%, 43%, 69%
CMY	0.2392, 0.5725, 0.3098
CMYK	0.00, 0.44, 0.09, 0.24
HSL	313°, 41%, 59%
HSV	313°, 44%, 76%
XYZ	35.5532, 25.5412, 44.1304
YIQ	142.0530, 29.1530, 38.8570

Conversions

Conversions Part 2

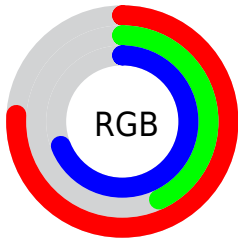
Format	Color
RYB	194, 109, 176
Decimal	12742064
CIELab	57.60, 43.02, -21.11
CIELCh	58, 47.926, 333.860
Yxy	25.5412, 0.3379, 0.2427
Android (android.graphics.Color)	4290932144 (0xFFC26DB0)
YUV	142.0530, 16.7359, 45.5575
Hunter-Lab	50.5383, 37.1311, -16.3956

Details

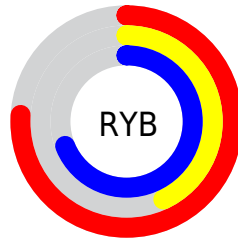
The RYB color **194, 109, 176** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **109, 179, 194**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **252, 163, 232**, and **139, 58, 123** is the 20% darker color. If you saturate the color by 10%, you get **194, 90, 172**, and if you desaturate by 10%, it is **194, 128, 180**.

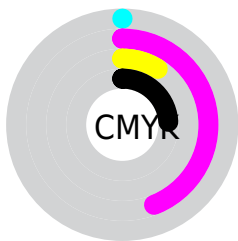
Distribution



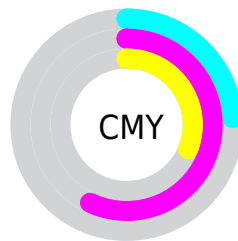
- Red (76%)
- Green (43%)
- Blue (69%)



- Red (76%)
- Yellow (43%)
- Blue (69%)



- Cyan (0%)
- Magenta (44%)
- Yellow (9%)
- Black (24%)




- Cyan (24%)
- Magenta (57%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 109, 176 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, 109, 176 by changing the saturation by 10% instead.

 194, 109, 176

255, 255, 255

 252, 163, 232

 255, 190, 255

 255, 219, 255

 255, 248, 255

 194, 109, 176

 166, 83, 149

 139, 58, 123


 112, 31, 98

 86, 0, 74


 60, 0, 51


 39, 0, 30


 0, 0, 0

 194, 109, 176

 194, 90, 172

 194, 109, 176

 194, 128, 180

 194, 70, 168


 194, 148, 184

 194, 51, 164

 194, 167, 188

 194, 31, 160

 194, 187, 192

 194, 12, 155

 194, 204, 206

 194, 0, 153

 194, 219, 225

 194, 236, 245

 194, 243, 255

 194, 241, 255

Harmonies

Analogous

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



148, 125, 208



194, 109, 176



215, 101, 135

Triad

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



194, 109, 176



73, 157, 50



0, 85, 184

Complementary

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



194, 109, 176



109, 179, 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, 84, 159



194, 109, 176



65, 149, 100

Square

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



194, 109, 176



191, 176, 63



53, 124, 156



0, 89, 213

Rectangle

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



194, 109, 176



215, 104, 107



53, 124, 156



0, 82, 171

Sweetspot

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



194, 109, 176



252, 220, 246



126, 109, 194



128, 107, 123



0, 0, 0



128, 128, 128

Same Dimension

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



194, 109, 176



252, 119, 224



194, 109, 135



97, 87, 95



161, 0, 127



33, 0, 26

Inverse Universe

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



194, 109, 176



252, 119, 224



109, 159, 194



97, 87, 95



161, 0, 127



33, 0, 26

Previews

White Background



This preview shows how the RYB color 194, 109, 176 looks on a white background.

Color Contrast Check

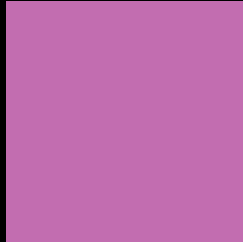
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

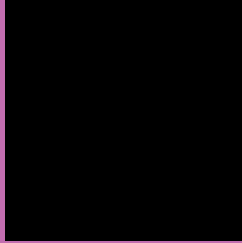
Any Text WCAG AA ✓ Pass

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, 109, 176 Background



This preview shows how black text looks on a background with the RYB color 194, 109, 176.

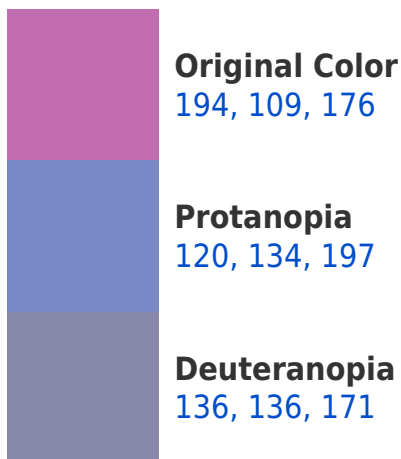



This preview shows how white text looks on a background with the RYB color 194, 109, 176.

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





Tritanopia
188, 119, 128

Trichromacy



Original Color

194, 109, 176



Protanomaly

147, 127, 189



Deuteranomaly

157, 126, 173



Tritanomaly

190, 115, 145

Monochromacy



Original Color

194, 109, 176



Achromatopsia

142, 142, 142



Achromatomaly

161, 130, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 109, 176 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, 109, 176)` looks like.

```
.text, #text, p{  
    color:rgb(194, 109, 176)  
}
```

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, 109, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 109, 176) }
```

Border

The CSS property to change the border of an element to RYB 194, 109, 176 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, 109, 176) }
```

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

```
.border{ border-color:rgb(194, 109, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 109, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 109, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 109, 176);  
box-shadow:4px 4px 4px 4px rgb(194, 109,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 194, 109, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 109, 176) }
```

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

```
.background{ background-color: rgb(194,  
109, 176) }
```

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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