

Converting Colors

`RYB(208, 90, 178)`

Have a look what the booklet for RYB(208, 90, 178) contains.

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Color

R_YB(208, 90, 178)

Conversions

Conversions Part 1

Format	Color
Hex	D05AB2
RGB	208, 90, 178
RGB Percent	82%, 35%, 70%
CMY	0.1843, 0.6471, 0.3020
CMYK	0.00, 0.57, 0.14, 0.18
HSL	315°, 56%, 58%
HSV	315°, 57%, 82%
XYZ	37.7045, 23.9366, 44.7525
YIQ	135.3140, 42.0800, 52.3840

Conversions

Conversions Part 2

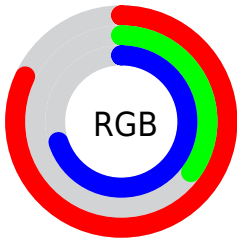
Format	Color
R _Y B	208, 90, 178
Decimal	13654706
CIE Lab	56.02, 56.94, -24.52
CIE LCh	56, 61.992, 336.699
Yxy	23.9366, 0.3544, 0.2250
Android (android.graphics.Color)	4291844786 (0xFFD05AB2)
YUV	135.3140, 21.0442, 63.7456
Hunter-Lab	48.9250, 51.9437, -19.9859

Details

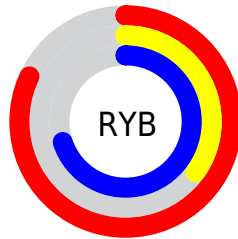
The RYB color **208, 90, 178** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **90, 184, 208**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 145, 234**, and **151, 31, 125** is the 20% darker color. If you saturate the color by 10%, you get **208, 69, 173**, and if you desaturate by 10%, it is **208, 111, 183**.

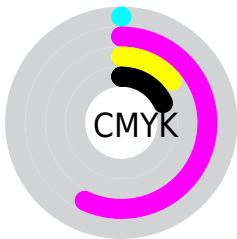
Distribution



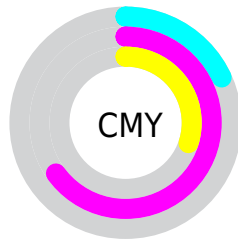
- Red (82%)
- Green (35%)
- Blue (70%)



- Red (82%)
- Yellow (35%)
- Blue (70%)



- Cyan (0%)
- Magenta (57%)
- Yellow (14%)
- Black (18%)




- Cyan (18%)
- Magenta (65%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 90, 178 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 208, 90, 178 by changing the saturation by 10% instead.


 208, 90, 178

 208, 90, 178

255, 255, 255

 179, 62, 151

 255, 145, 234

 151, 31, 125

 255, 173, 255

 123, 0, 100

 255, 202, 255

 96, 0, 76

 255, 231, 255

 69, 0, 53

 44, 0, 31

 0, 0, 1

 0, 0, 0

 208, 90, 178

 208, 90, 178

■ 208, 69, 173

■ 208, 111, 183

■ 208, 48, 167

■ 208, 132, 189

■ 208, 28, 162

■ 208, 152, 194

■ 208, 7, 157

■ 208, 173, 199

■ 208, 0, 155

■ 208, 194, 204

■ 208, 213, 215

■ 208, 230, 236

■ 208, 245, 255

■ 208, 242, 255

Harmonies

Analogous

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



151, 114, 221



208, 90, 178



230, 79, 124

Triad

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



208, 90, 178



14, 149, 0



0, 88, 198

Complementary

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



208, 90, 178



90, 184, 208

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, 83, 159



208, 90, 178



38, 149, 95

Square

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



208, 90, 178



173, 194, 27



0, 99, 156



0, 92, 233

Rectangle

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



208, 90, 178



228, 86, 89



0, 99, 156



0, 85, 181

Sweetspot

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



208, 90, 178



255, 212, 244



120, 90, 208



128, 102, 121



0, 0, 0



128, 128, 128

Same Dimension

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



208, 90, 178



255, 82, 211



208, 90, 120



105, 94, 102



168, 0, 126



41, 0, 30

Inverse Universe

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



208, 90, 178



255, 82, 211



90, 157, 208



105, 94, 102



168, 0, 126



41, 0, 30

Previews

White Background



This preview shows how the RYB color 208, 90, 178 looks on a white background.

Color Contrast Check

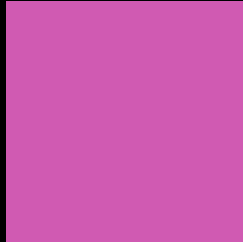
Large Text (above 18pt) WCAG AA ✓ Pass

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 208, 90, 178 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 208, 90, 178 Background



This preview shows how black text looks on a background with the RYB color 208, 90, 178.

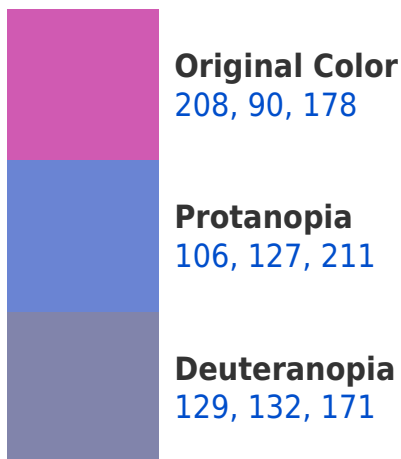



This preview shows how white text looks on a background with the RYB color 208, 90, 178.

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
201, 106, 113

Trichromacy



Original Color

208, 90, 178



Protanomaly

143, 117, 199



Deuteranomaly

158, 117, 174



Tritanomaly

204, 100, 137

Monochromacy



Original Color

208, 90, 178



Achromatopsia

135, 135, 135



Achromatomaly

162, 119, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 90, 178 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(208, 90, 178) looks like.

```
.text, #text, p{  
    color:rgb(208, 90, 178)  
}
```

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(208, 90, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 90, 178) }
```

Border

The CSS property to change the border of an element to RYB 208, 90, 178 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(208, 90, 178) }
```

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

```
.border{ border-color:rgb(208, 90, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 90, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 90, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 90, 178);  
box-shadow:4px 4px 4px 4px rgb(208, 90,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 208, 90, 178 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 90, 178) }
```

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

```
.background{ background-color: rgb(208, 90,  
178) }
```

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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