

Converting Colors

`RYB(208, 98, 137)`

Have a look what the booklet for RYB(208, 98, 137) contains.

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Color

$\text{RYB}(208, 98, 137)$

Conversions

Conversions Part 1

Format	Color
Hex	D06289
RGB	208, 98, 137
RGB Percent	82%, 38%, 54%
CMY	0.1843, 0.6157, 0.4627
CMYK	0.00, 0.53, 0.34, 0.18
HSL	339°, 54%, 60%
HSV	339°, 53%, 82%
XYZ	34.8955, 23.9514, 26.4508
YIQ	135.3360, 53.0410, 35.4490

Conversions

Conversions Part 2

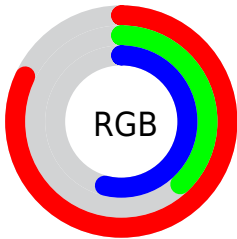
Format	Color
R _Y B	208, 98, 137
Decimal	13656713
CIE Lab	56.04, 47.51, -0.59
CIE LCh	56, 47.515, 359.292
Yxy	23.9514, 0.4091, 0.2808
Android (android.graphics.Color)	4291846793 (0xFFD06289)
YUV	135.3360, 0.8204, 63.7263
Hunter-Lab	48.9402, 41.6293, 2.2135

Details

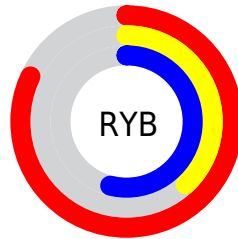
The RYB color **208, 98, 137** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **98, 165, 208**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 152, 190**, and **150, 44, 87** is the 20% darker color. If you saturate the color by 10%, you get **208, 77, 124**, and if you desaturate by 10%, it is **208, 119, 150**.

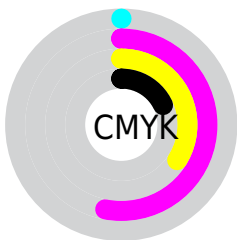
Distribution



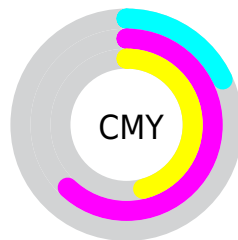
- Red (82%)
- Green (38%)
- Blue (54%)



- Red (82%)
- Yellow (38%)
- Blue (54%)



- Cyan (0%)
- Magenta (53%)
- Yellow (34%)
- Black (18%)



- Cyan (18%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 98, 137 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, 98, 137 by changing the saturation by 10% instead.



208, 98, 137



208, 98, 137

255, 255, 255



179, 71, 112



255, 152, 190



150, 44, 87



255, 180, 218



122, 11, 64



255, 208, 247



95, 0, 42



255, 237, 255



68, 0, 22



43, 0, 1



0, 0, 0



208, 98, 137




208, 98, 137



208, 77, 124




208, 119, 150

 208, 56, 110

 208, 140, 164

 208, 36, 97

 208, 160, 177

 208, 15, 83

 208, 181, 191

 208, 0, 74

 208, 202, 204

 208, 217, 223

 208, 230, 244

 208, 235, 255

 208, 232, 255

Harmonies

Analogous

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



184, 107, 177



208, 98, 137



209, 102, 96

Triad

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



208, 98, 137



58, 144, 85



0, 86, 205

Complementary

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



208, 98, 137



98, 165, 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, 82, 174



208, 98, 137



61, 129, 151

Square

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



208, 98, 137



81, 158, 47



0, 84, 155



41, 104, 217

Rectangle

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



208, 98, 137



198, 128, 73



0, 84, 155



0, 85, 196

Sweetspot

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



208, 98, 137



255, 214, 229



168, 98, 208



128, 103, 112



0, 0, 0



128, 128, 128

Same Dimension

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



208, 98, 137



255, 94, 151



208, 115, 98



105, 94, 98



168, 0, 60



41, 0, 14

Inverse Universe

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



208, 98, 137



255, 94, 151



98, 149, 208



105, 94, 98



168, 0, 60



41, 0, 14

Previews

White Background



This preview shows how the RYB color 208, 98, 137 looks on a white background.

Color Contrast Check

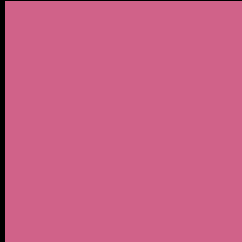
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

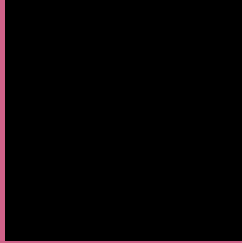
Any Text WCAG AA ✓ Pass

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, 98, 137 Background



This preview shows how black text looks on a background with the RYB color 208, 98, 137.

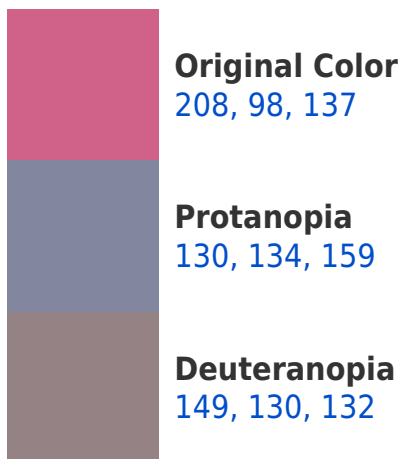



This preview shows how white text looks on a background with the RYB color 208, 98, 137.

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
206, 103, 110

Trichromacy



Original Color
208, 98, 137

Protanomaly
158, 121, 151

Deuteranomaly
170, 118, 134

Tritanomaly
207, 101, 120

Monochromacy



Original Color
208, 98, 137

Achromatopsia
135, 135, 135

Achromatomaly
162, 122, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 98, 137 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, 98, 137) looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 137)  
}
```

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, 98, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 137) }
```

Border

The CSS property to change the border of an element to RYB 208, 98, 137 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, 98, 137) }
```

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

```
.border{ border-color:rgb(208, 98, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 98, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 137);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 208, 98, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 137) }
```

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

```
.background{ background-color: rgb(208, 98,  
137) }
```

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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