

Converting Colors

`RYB(208, 137, 160)`

Have a look what the booklet for
RYB(208, 137, 160) contains.

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Color

R_YB(208, 137, 160)

Conversions

Conversions Part 1

Format	Color
Hex	D089A0
RGB	208, 137, 160
RGB Percent	82%, 54%, 63%
CMY	0.1843, 0.4627, 0.3725
CMYK	0.00, 0.34, 0.23, 0.18
HSL	341°, 43%, 68%
HSV	341°, 34%, 82%
XYZ	41.3032, 33.8393, 37.6124
YIQ	160.8510, 34.9330, 22.2050

Conversions

Conversions Part 2

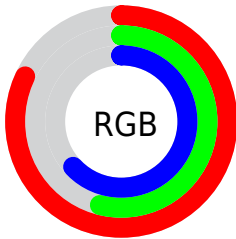
Format	Color
R _Y B	208, 137, 160
Decimal	13666720
CIE Lab	64.83, 30.29, -0.96
CIE LCh	65, 30.310, 358.184
Yxy	33.8393, 0.3663, 0.3001
Android (android.graphics.Color)	4291856800 (0xFFD089A0)
YUV	160.8510, -0.4195, 41.3497
Hunter-Lab	58.1715, 24.9393, 2.3845

Details

The RYB color **208, 137, 160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **137, 179, 208**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 191, 215**, and **152, 86, 109** is the 20% darker color. If you saturate the color by 10%, you get **208, 116, 146**, and if you desaturate by 10%, it is **208, 158, 174**.

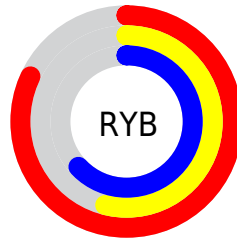
Distribution



Red (82%)

Green (54%)

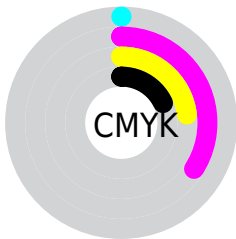
Blue (63%)



Red (82%)

Yellow (54%)

Blue (63%)

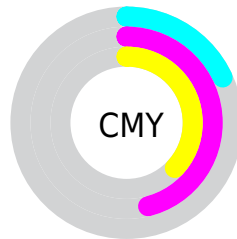


Cyan (0%)

Magenta (34%)

Yellow (23%)

Black (18%)



Cyan (18%)

Magenta (46%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RYB color 208, 137, 160 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, 137, 160 by changing the saturation by 10% instead.

 208, 137, 160

 208, 137, 160

255, 255, 255

 180, 111, 134

 255, 191, 215

 152, 86, 109

 255, 219, 243

 125, 62, 84

 255, 248, 255

 99, 38, 61

 73, 13, 40

 49, 0, 19

 19, 0, 0


 0, 0, 0


 208, 137, 160


 208, 137, 160

 208, 116, 146


 208, 158, 174

 208, 95, 132

 208, 179, 188

 208, 75, 118

 208, 199, 202

 208, 54, 104

 208, 215, 220

 208, 33, 90

 208, 228, 241

 208, 12, 76

 208, 235, 255

 208, 0, 67

 208, 232, 255

Harmonies

Analogous

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



190, 142, 186



208, 137, 160



211, 140, 133

Triad

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



208, 137, 160



109, 163, 123



80, 131, 203

Complementary

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



208, 137, 160



137, 179, 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.



66, 121, 182



208, 137, 160



118, 161, 169

Square

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



208, 137, 160



136, 178, 103



86, 134, 172



118, 147, 211

Rectangle

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



208, 137, 160



204, 153, 118



86, 134, 172



71, 126, 197

Sweetspot

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



208, 137, 160



255, 230, 238



184, 137, 208



128, 112, 117



0, 0, 0



128, 128, 128

Same Dimension

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



208, 137, 160



255, 150, 184



208, 151, 137



105, 94, 97



168, 0, 55



41, 0, 13

Inverse Universe

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



208, 137, 160



255, 150, 184



137, 169, 208



105, 94, 97



168, 0, 55



41, 0, 13

Previews

White Background



This preview shows how the RYB color 208, 137, 160 looks on a white background.

Color Contrast Check

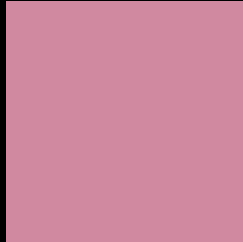
Large Text (above 18pt) WCAG AA × Fail

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, 137, 160 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 208, 137, 160 Background



This preview shows how black text looks on a background with the RYB color 208, 137, 160.

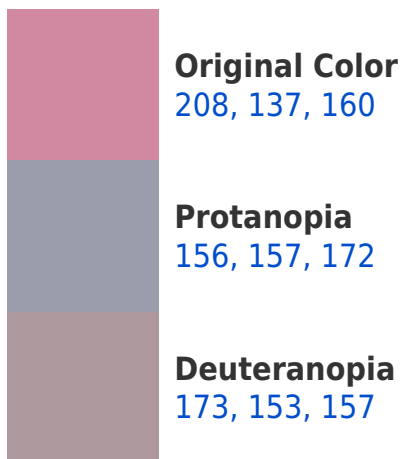


This preview shows how white text looks on a background with the RYB color 208, 137, 160.

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
207, 139, 149

Trichromacy



Original Color
208, 137, 160

Protanomaly
175, 150, 168

Deuteranomaly
186, 147, 158

Tritanomaly
207, 138, 153

Monochromacy



Original Color
208, 137, 160

Achromatopsia
161, 161, 161

Achromatomaly
178, 152, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 137, 160 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, 137, 160) looks like.

```
.text, #text, p{  
    color:rgb(208, 137, 160)  
}
```

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, 137, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 137, 160) }
```

Border

The CSS property to change the border of an element to RYB 208, 137, 160 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, 137, 160) }
```

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

```
.border{ border-color:rgb(208, 137, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 137, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 137, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 137, 160);  
box-shadow:4px 4px 4px 4px rgb(208, 137,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 208, 137, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 137, 160) }
```

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

```
.background{ background-color: rgb(208,  
137, 160) }
```

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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