

Converting Colors

`RYB(209, 140, 136)`

Have a look what the booklet for
RYB(209, 140, 136) contains.

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Color

R_YB(209, 140, 136)

Conversions

Conversions Part 1

Format	Color
Hex	D18C88
RGB	209, 140, 136
RGB Percent	82%, 55%, 53%
CMY	0.1804, 0.4518, 0.4667
CMYK	0.00, 0.33, 0.35, 0.18
HSL	3°, 44%, 68%
HSV	3°, 35%, 82%
XYZ	40.0862, 34.0284, 27.7479
YIQ	160.1750, 42.4080, 13.3840

Conversions

Conversions Part 2

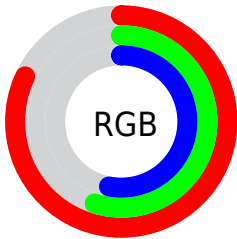
Format	Color
R _Y B	209, 140, 136
Decimal	13733000
CIE Lab	64.99, 25.89, 12.83
CIE LCh	65, 28.894, 26.360
Yxy	34.0284, 0.3935, 0.3341
Android (android.graphics.Color)	4291923080 (0xFFD18C88)
YUV	160.1750, -11.9183, 42.8195
Hunter-Lab	58.3338, 20.5784, 12.6310

Details

The RYB color **209, 140, 136** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **136, 171, 209**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 194, 189**, and **153, 89, 86** is the 20% darker color. If you saturate the color by 10%, you get **209, 120, 115**, and if you desaturate by 10%, it is **209, 160, 157**.

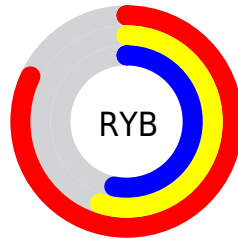
Distribution



Red (82%)

Green (55%)

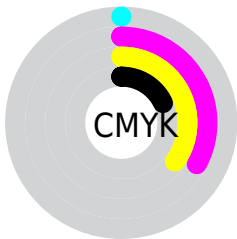
Blue (53%)



Red (82%)

Yellow (55%)

Blue (53%)

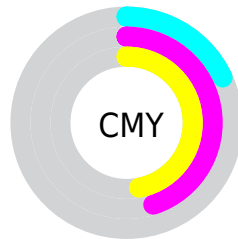


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (18%)



Cyan (18%)

Magenta (45%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RYB color 209, 140, 136 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 209, 140, 136 by changing the saturation by 10% instead.

 209, 140, 136

 209, 140, 136

255, 255, 255

 180, 114, 111

 255, 194, 189

 153, 89, 86

 255, 223, 217

 125, 65, 63

 253, 255, 246

 99, 41, 41

 73, 18, 21

 49, 0, 0

 11, 0, 0

 0, 0, 0

 209, 140, 136

 209, 140, 136

 209, 120, 115

 209, 160, 157

 209, 100, 94

 209, 179, 178

 209, 80, 73

 209, 199, 199

 209, 62, 52

 209, 214, 220

 209, 41, 32

 209, 224, 241

 209, 22, 11

 209, 232, 255

 209, 12, 0

Harmonies

Analogous

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



206, 139, 162



209, 140, 136



199, 163, 116

Triad

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



209, 140, 136



122, 164, 169



119, 148, 209

Complementary

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



209, 140, 136



136, 171, 209

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.



84, 133, 200



209, 140, 136



93, 138, 172

Square

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



209, 140, 136



111, 163, 122



74, 125, 180



157, 152, 204

Rectangle

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



209, 140, 136



168, 186, 108



74, 125, 180



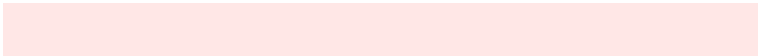
106, 143, 207

Sweetspot

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



209, 140, 136



255, 231, 230



209, 136, 205



128, 113, 112



0, 0, 0



128, 128, 128

Same Dimension

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



209, 140, 136



255, 153, 148



196, 209, 136



105, 95, 94



168, 10, 0



41, 2, 0

Inverse Universe

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



136, 171, 209



148, 200, 255



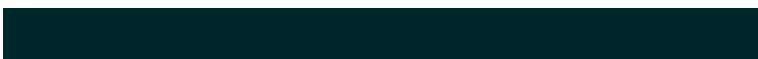
136, 159, 209



94, 99, 105



0, 82, 168



0, 20, 41

Previews

White Background



This preview shows how the RYB color 209, 140, 136 looks on a white background.

Color Contrast Check

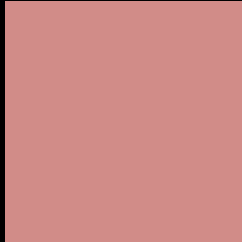
Large Text (above 18pt) WCAG AA × Fail

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 209, 140, 136 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 209, 140, 136 Background



This preview shows how black text looks on a background with the RYB color 209, 140, 136.

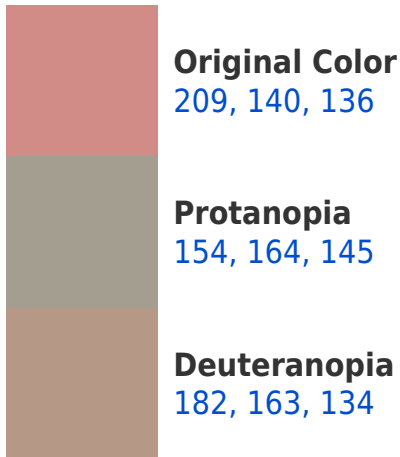


This preview shows how white text looks on a background with the RYB color 209, 140, 136.

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
210, 138, 148

Trichromacy



Original Color

209, 140, 136

Protanomaly

180, 154, 142

Deuteranomaly

192, 152, 135

Tritanomaly

210, 139, 144

Monochromacy



Original Color

209, 140, 136

Achromatopsia

160, 160, 160

Achromatomaly

178, 153, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 140, 136 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(209, 140, 136) looks like.

```
.text, #text, p{  
    color:rgb(209, 140, 136)  
}
```

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(209, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 140, 136) }
```

Border

The CSS property to change the border of an element to RYB 209, 140, 136 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(209, 140, 136) }
```

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

```
.border{ border-color:rgb(209, 140, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 140, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(209, 140,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 209, 140, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 140, 136) }
```

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

```
.background{ background-color: rgb(209,  
140, 136) }
```

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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