

Converting Colors

`RYB(178, 208, 168)`

Have a look what the booklet for
RYB(178, 208, 168) contains.

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Color

R_YB(178, 208, 168)

Conversions

Conversions Part 1

Format	Color
Hex	D0C8A8
RGB	208, 200, 168
RGB Percent	82%, 78%, 66%
CMY	0.1843, 0.2157, 0.3412
CMYK	0.00, 0.04, 0.19, 0.18
HSL	48°, 30%, 74%
HSV	48°, 19%, 82%
XYZ	53.7346, 57.5456, 45.3211
YIQ	198.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

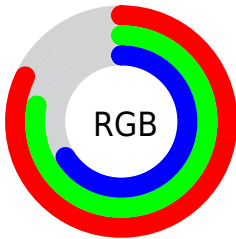
Format	Color
RYB	178, 208, 168
Decimal	13682856
CIELab	80.49, -2.45, 17.03
CIElCh	80, 17.201, 98.187
Yxy	57.5456, 0.3431, 0.3675
Android (android.graphics.Color)	4291872936 (0xFFD0C8A8)
YUV	198.7440, -15.1568, 8.1175
Hunter-Lab	75.8588, -6.3125, 17.6790

Details

The RYB color **178, 208, 168** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **168, 175, 208**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **223, 255, 223**, and **125, 153, 116** is the 20% darker color. If you saturate the color by 10%, you get **162, 208, 147**, and if you desaturate by 10%, it is **194, 208, 189**.

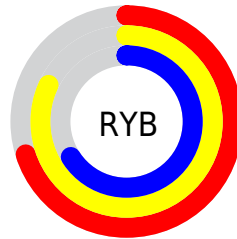
Distribution



Red (82%)

Green (78%)

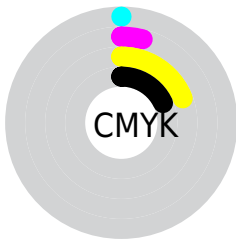
Blue (66%)



Red (70%)

Yellow (82%)

Blue (66%)

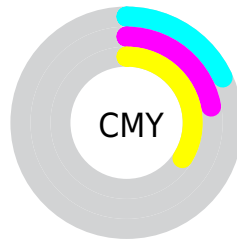


Cyan (0%)

Magenta (4%)

Yellow (19%)

Black (18%)



Cyan (18%)

Magenta (22%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 208, 168 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 178, 208, 168 by changing the saturation by 10% instead.


 178, 208, 168

255, 255, 255

 223, 255, 223

 252, 255, 252


 178, 208, 168

 151, 180, 142

 125, 153, 116

 100, 127, 91

 75, 102, 68

 51, 77, 45

 29, 54, 24

 6, 34, 0

 0, 3, 3

 0, 0, 0

 178, 208, 168

 178, 208, 168

 162, 208, 147


 194, 208, 189

 146, 208, 126


 208, 208, 210

 131, 208, 106

 208, 211, 230

 116, 208, 85

 208, 215, 251

 100, 208, 64


 208, 218, 255

 84, 208, 43


 208, 220, 255

 68, 208, 22

 208, 223, 255

 53, 208, 2

 208, 224, 255

 53, 208, 0

 208, 226, 255

Harmonies

Analogous

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



223, 217, 170



178, 208, 168



174, 205, 189

Triad

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



178, 208, 168



159, 186, 219



225, 190, 212

Complementary

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



178, 208, 168



168, 175, 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.



208, 194, 225



178, 208, 168



169, 192, 229

Square

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



178, 208, 168



160, 186, 209



188, 197, 231



233, 189, 196

Rectangle

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



178, 208, 168



178, 203, 207



188, 197, 231



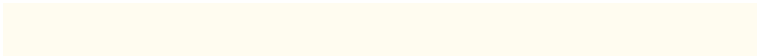
220, 191, 217

Sweetspot

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



178, 208, 168



244, 255, 240



208, 168, 176



122, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



178, 208, 168



211, 255, 196



168, 208, 180



98, 105, 94



41, 168, 0



10, 41, 0

Inverse Universe

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



168, 175, 208



196, 206, 255



180, 168, 208



94, 96, 105



0, 28, 168



0, 7, 41

Previews

White Background



This preview shows how the RYB color 178, 208, 168 looks on a white background.

Color Contrast Check

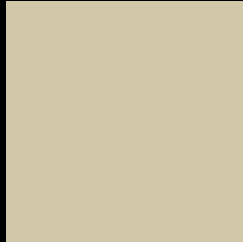
Large Text (above 18pt) WCAG AA × Fail

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 178, 208, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

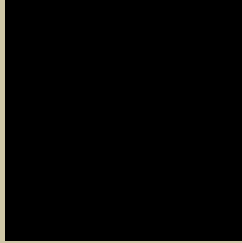
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

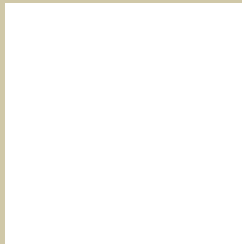
Any Text WCAG AAA ✓ Pass

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

RYB 178, 208, 168 Background



This preview shows how black text looks on a background with the RYB color 178, 208, 168.




This preview shows how white text looks on a background with the RYB color 178, 208, 168.

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](#).

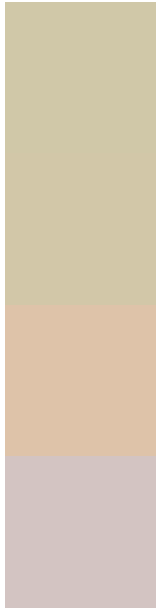
Dichromacy





Tritanopia
213, 194, 209

Trichromacy



Original Color

178, 208, 168

Protanomaly

183, 210, 168

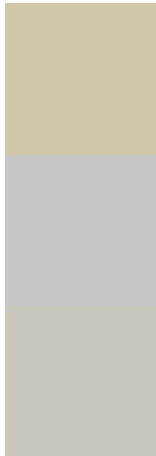
Deuteranomaly

222, 220, 169

Tritanomaly

211, 196, 194

Monochromacy



Original Color

178, 208, 168

Achromatopsia

199, 199, 199

Achromatomaly

192, 202, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 208, 168 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, 200, 168) looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 168)  
}
```

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, 200, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 168) }
```

Border

The CSS property to change the border of an element to RYB 178, 208, 168 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, 200, 168) }
```

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

```
.border{ border-color:rgb(208, 200, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 200, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 168);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 178, 208, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 168) }
```

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

```
.background{ background-color: rgb(208,  
200, 168) }
```

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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