

Converting Colors

`RYB(208, 213, 184)`

Have a look what the booklet for
RYB(208, 213, 184) contains.

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Color

R_YB(208, 213, 184)

Conversions

Conversions Part 1

Format	Color
Hex	D5C8B8
RGB	213, 200, 184
RGB Percent	84%, 78%, 72%
CMY	0.1647, 0.2162, 0.2784
CMYK	0.00, 0.06, 0.14, 0.16
HSL	33°, 26%, 78%
HSV	33°, 14%, 84%
XYZ	56.7160, 58.8542, 53.7181
YIQ	202.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

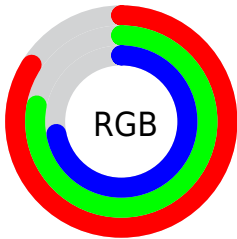
Format	Color
R _Y B	208, 213, 184
Decimal	14010552
CIE Lab	81.21, 1.93, 9.57
CIE LCh	81, 9.765, 78.596
Yxy	58.8542, 0.3350, 0.3477
Android (android.graphics.Color)	4292200632 (0xFFD5C8B8)
YUV	202.0630, -8.9051, 9.5917
Hunter-Lab	76.7165, -2.2900, 12.1857

Details

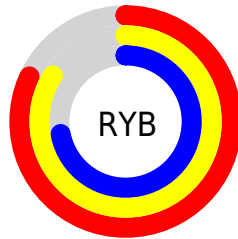
The RYB color **208, 213, 184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **184, 193, 213**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **240, 255, 240**, and **153, 158, 131** is the 20% darker color. If you saturate the color by 10%, you get **206, 213, 163**, and if you desaturate by 10%, it is **210, 213, 205**.

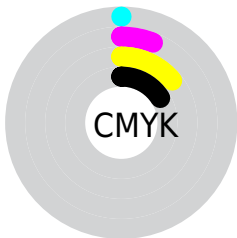
Distribution



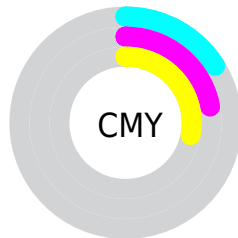
- Red (84%)
- Green (78%)
- Blue (72%)



- Red (82%)
- Yellow (84%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 213, 184 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, 213, 184 by changing the saturation by 10% instead.


 208, 213, 184

255, 255, 255


 240, 255, 240

 208, 213, 184

 178, 185, 157

 153, 158, 131

 128, 132, 106

 102, 107, 82

 77, 82, 59

 52, 59, 37

 29, 37, 16

 12, 4, 0

 0, 0, 0

 208, 213, 184

 208, 213, 184

 206, 213, 163


 210, 213, 205

 199, 213, 141

 213, 217, 227

 197, 213, 120

 213, 224, 248

 195, 213, 99

 213, 229, 255


 188, 213, 77

 213, 232, 255

 186, 213, 56

 213, 234, 255

 184, 213, 35

 178, 213, 14

 175, 213, 0

Harmonies

Analogous

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



220, 201, 188



208, 213, 184



184, 203, 184

Triad

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



208, 213, 184



179, 193, 207



210, 198, 214

Complementary

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



208, 213, 184



184, 193, 213

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.



199, 201, 219



208, 213, 184



181, 195, 215

Square

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



208, 213, 184



184, 198, 207



188, 199, 219



218, 196, 206

Rectangle

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



208, 213, 184



187, 205, 196



188, 199, 219



207, 199, 216

Sweetspot

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



208, 213, 184



255, 255, 245



213, 184, 198



126, 128, 121



0, 0, 0



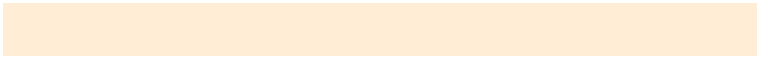
128, 128, 128

Same Dimension

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



208, 213, 184



246, 255, 214



184, 213, 185



105, 107, 96



143, 171, 0



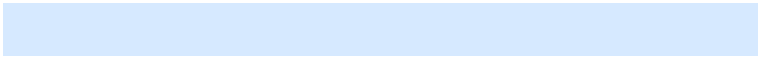
34, 43, 0

Inverse Universe

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



184, 193, 213



214, 227, 255



185, 184, 213



96, 99, 107



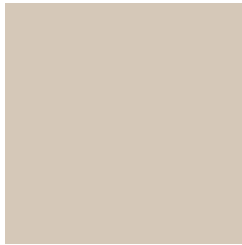
0, 53, 171



0, 14, 43

Previews

White Background



This preview shows how the RYB color 208, 213, 184 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, 213, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

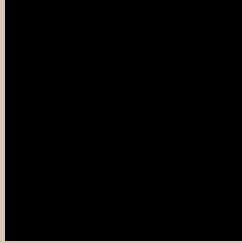
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

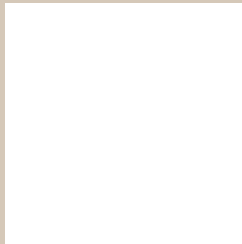
Any Text WCAG AAA ✓ Pass

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

RYB 208, 213, 184 Background



This preview shows how black text looks on a background with the RYB color 208, 213, 184.



This preview shows how white text looks on a background with the RYB color 208, 213, 184.

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



Original Color
208, 213, 184

Protanopia
197, 209, 185

Deuteranopia
227, 198, 185



Tritanopia
217, 196, 211

Trichromacy



Original Color

208, 213, 184

Protanomaly

199, 210, 185

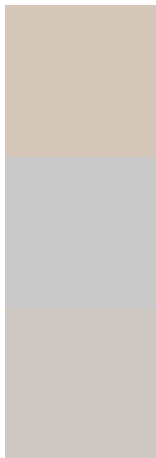
Deuteranomaly

222, 203, 185

Tritanomaly

216, 197, 201

Monochromacy



Original Color

208, 213, 184

Achromatopsia

202, 202, 202

Achromatomaly

204, 206, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 213, 184 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(213, 200, 184) looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 184)  
}
```

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(213, 200, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 184) }
```

Border

The CSS property to change the border of an element to RYB 208, 213, 184 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(213, 200, 184) }
```

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

```
.border{ border-color:rgb(213, 200, 184) }
```

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

Here you see how a box with a 4 pixel rgb(213, 200, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 200, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 200, 184);  
box-shadow:4px 4px 4px 4px rgb(213, 200,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 208, 213, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 184) }
```

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

```
.background{ background-color: rgb(213,  
200, 184) }
```

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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