

Converting Colors

`RYB(200, 204, 184)`

Have a look what the booklet for
RYB(200, 204, 184) contains.

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Color

R_YB(200, 204, 184)

Conversions

Conversions Part 1

Format	Color
Hex	CCC3B8
RGB	204, 195, 184
RGB Percent	80%, 76%, 72%
CMY	0.2000, 0.2349, 0.2784
CMYK	0.00, 0.04, 0.10, 0.20
HSL	33°, 16%, 76%
HSV	33°, 10%, 80%
XYZ	53.0936, 55.3781, 53.2381
YIQ	196.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

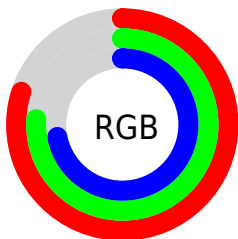
Format	Color
R _Y B	200, 204, 184
Decimal	13419448
CIE Lab	79.26, 1.19, 6.68
CIE LCh	79, 6.782, 79.908
Yxy	55.3781, 0.3283, 0.3425
Android (android.graphics.Color)	4291609528 (0xFFCCC3B8)
YUV	196.4370, -6.1314, 6.6328
Hunter-Lab	74.4165, -2.8752, 9.6750

Details

The RYB color **200, 204, 184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **184, 190, 204**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **244, 255, 240**, and **148, 150, 131** is the 20% darker color. If you saturate the color by 10%, you get **197, 204, 164**, and if you desaturate by 10%, it is **204, 204, 204**.

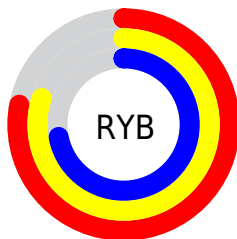
Distribution



Red (80%)

Green (76%)

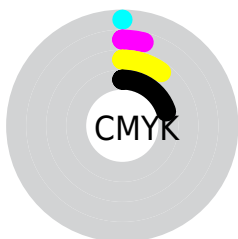
Blue (72%)



Red (78%)

Yellow (80%)

Blue (72%)

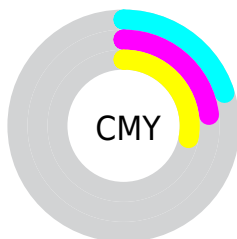


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 204, 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 200, 204, 184 by changing the saturation by 10% instead.

 200, 204, 184


255, 255, 255

 244, 255, 240


 200, 204, 184

 173, 177, 157

 145, 150, 131

 120, 124, 106

 97, 99, 82

 71, 75, 59

 47, 52, 37

 26, 31, 16


 0, 0, 0

 200, 204, 184

 200, 204, 184

 197, 204, 164

 204, 204, 204

 191, 204, 143

 204, 210, 225

 188, 204, 123


 204, 217, 245

 183, 204, 102


 204, 222, 255

 179, 204, 82

 204, 225, 255

 175, 204, 62

 204, 228, 255

 170, 204, 41

 204, 230, 255

 166, 204, 21

 161, 204, 0

Harmonies

Analogous

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



209, 195, 187



200, 204, 184



184, 197, 184

Triad

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



200, 204, 184



181, 191, 200



203, 193, 204

Complementary

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



200, 204, 184



184, 190, 204

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.



195, 195, 208



200, 204, 184



182, 192, 206

Square

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



200, 204, 184



184, 194, 200



188, 194, 209



208, 192, 199

Rectangle

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



200, 204, 184



187, 198, 193



188, 194, 209



200, 194, 206

Sweetspot

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



200, 204, 184



252, 255, 247



204, 184, 193



128, 128, 122



0, 0, 0



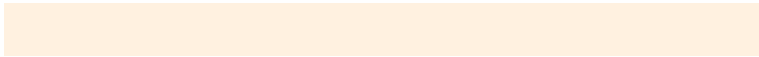
128, 128, 128

Same Dimension

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



200, 204, 184



250, 255, 224



184, 204, 185



102, 102, 92



134, 166, 0



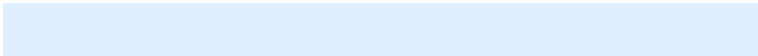
31, 38, 0

Inverse Universe

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



184, 190, 204



224, 234, 255



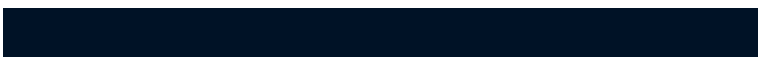
185, 184, 204



92, 95, 102



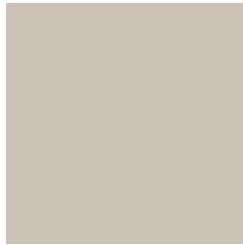
0, 51, 166



0, 12, 38

Previews

White Background



This preview shows how the RYB color 200, 204, 184 looks on a white background.

Color Contrast Check

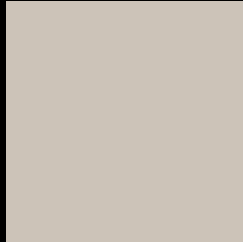
Large Text (above 18pt) WCAG AA × Fail

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 200, 204, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

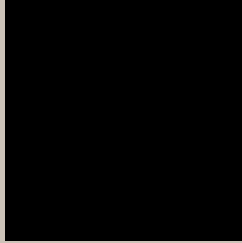
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 200, 204, 184 Background



This preview shows how black text looks on a background with the R/Y/B color 200, 204, 184.

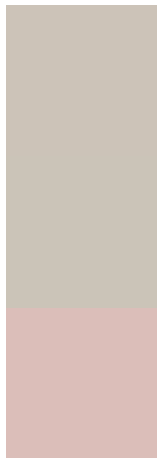


This preview shows how white text looks on a background with the R/Y/B color 200, 204, 184.

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
200, 204, 184

Protanopia
195, 203, 184

Deuteranopia
219, 191, 185



Tritanopia
207, 192, 207

Trichromacy



Original Color

200, 204, 184

Protanomaly

195, 203, 184

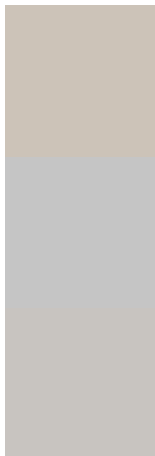
Deuteranomaly

214, 194, 185

Tritanomaly

206, 193, 199

Monochromacy



Original Color

200, 204, 184

Achromatopsia

197, 197, 197

Achromatomaly

200, 200, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 204, 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(204, 195, 184) looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 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(204, 195, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 184) }
```

Border

The CSS property to change the border of an element to RYB 200, 204, 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(204, 195, 184) }
```

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

```
.border{ border-color:rgb(204, 195, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 200, 204, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 184) }
```

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

```
.background{ background-color: rgb(204,  
195, 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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