

Converting Colors

`RYB(188, 209, 185)`

Have a look what the booklet for
RYB(188, 209, 185) contains.

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Color

R_YB(188, 209, 185)

Conversions

Conversions Part 1

Format	Color
Hex	D1CEB9
RGB	209, 206, 185
RGB Percent	82%, 81%, 73%
CMY	0.1804, 0.1908, 0.2745
CMYK	0.00, 0.01, 0.11, 0.18
HSL	53°, 21%, 77%
HSV	53°, 11%, 82%
XYZ	57.2031, 61.3614, 54.7279
YIQ	204.5030, 8.5290, -5.8950

Conversions

Conversions Part 2

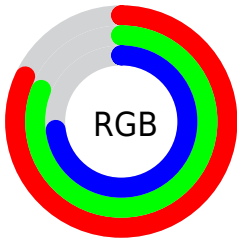
Format	Color
RYB	188, 209, 185
Decimal	13749945
CIELab	82.57, -2.74, 10.93
CIELCh	83, 11.272, 104.043
Yxy	61.3614, 0.3301, 0.3541
Android (android.graphics.Color)	4291940025 (0xFFD1CEB9)
YUV	204.5030, -9.6150, 3.9439
Hunter-Lab	78.3335, -6.7339, 13.4103

Details

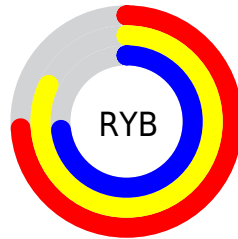
The RYB color **188, 209, 185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185, 188, 209**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **241, 255, 241**, and **134, 154, 132** is the 20% darker color. If you saturate the color by 10%, you get **170, 209, 164**, and if you desaturate by 10%, it is **206, 209, 206**.

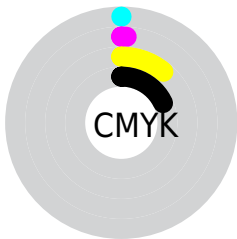
Distribution



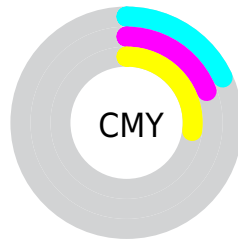
- Red (82%)
- Green (81%)
- Blue (73%)



- Red (74%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 209, 185 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 188, 209, 185 by changing the saturation by 10% instead.

 188, 209, 185

255, 255, 255

 241, 255, 241


 188, 209, 185

 160, 181, 158

 134, 154, 132


 109, 128, 107

 84, 103, 82

 61, 79, 59

 39, 56, 38

 18, 34, 17

 0, 11, 4


 0, 0, 0

 188, 209, 185

 188, 209, 185

 170, 209, 164

 206, 209, 206

 151, 209, 143

 209, 211, 227

 133, 209, 122

 209, 213, 248

 115, 209, 101

 209, 215, 255

 96, 209, 80

 209, 217, 255

 79, 209, 60

 209, 218, 255

 60, 209, 39

 209, 220, 255

 42, 209, 18

 209, 221, 255

 26, 209, 0

 209, 222, 255

Harmonies

Analogous

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



218, 220, 185



188, 209, 185



190, 209, 202

Triad

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



188, 209, 185



181, 198, 220



224, 199, 212

Complementary

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



188, 209, 185



185, 188, 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.



214, 201, 221



188, 209, 185



188, 201, 225

Square

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



188, 209, 185



180, 197, 212



201, 204, 226



228, 198, 201

Rectangle

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



188, 209, 185



189, 206, 211



201, 204, 226



221, 200, 215

Sweetspot

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



188, 209, 185



248, 255, 247



209, 185, 188



123, 128, 122



0, 0, 0



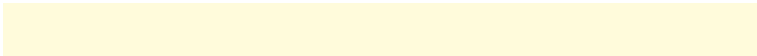
128, 128, 128

Same Dimension

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



188, 209, 185



224, 255, 219



185, 209, 194



96, 105, 94



20, 168, 0



6, 41, 0

Inverse Universe

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



185, 188, 209



219, 223, 255



194, 185, 209



94, 95, 105



0, 17, 168



0, 4, 41

Previews

White Background



This preview shows how the RYB color 188, 209, 185 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 188, 209, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

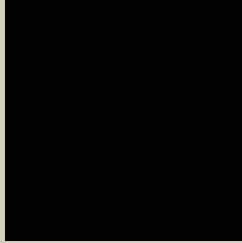
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

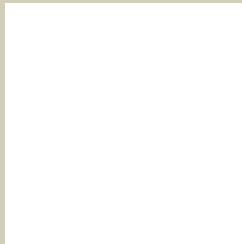
Any Text WCAG AAA ✓ Pass

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

R Y B 188, 209, 185 Background



This preview shows how black text looks on a background with the R Y B color 188, 209, 185.



This preview shows how white text looks on a background with the R Y B color 188, 209, 185.

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
188, 209, 185

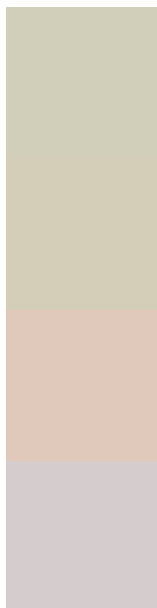
Protanopia
197, 214, 184

Deuteranopia
232, 202, 187



Tritanopia
214, 202, 217

Trichromacy



Original Color

188, 209, 185

Protanomaly

193, 212, 184

Deuteranomaly

224, 211, 186

Tritanomaly

212, 204, 205

Monochromacy



Original Color

188, 209, 185

Achromatopsia

205, 205, 205

Achromatomaly

199, 206, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 209, 185 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, 206, 185) looks like.

```
.text, #text, p{  
    color:rgb(209, 206, 185)  
}
```

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, 206, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 206, 185) }
```

Border

The CSS property to change the border of an element to RYB 188, 209, 185 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, 206, 185) }
```

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

```
.border{ border-color:rgb(209, 206, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 206, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 206, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 206, 185);  
box-shadow:4px 4px 4px 4px rgb(209, 206,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 188, 209, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 206, 185) }
```

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

```
.background{ background-color: rgb(209,  
206, 185) }
```

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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