

Converting Colors

`RYB(188, 221, 192)`

Have a look what the booklet for
RYB(188, 221, 192) contains.

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Color

R_YB(188, 221, 192)

Conversions

Conversions Part 1

Format	Color
Hex	D9DDBC
RGB	217, 221, 188
RGB Percent	85%, 87%, 74%
CMY	0.1490, 0.1333, 0.2627
CMYK	0.02, 0.00, 0.15, 0.13
HSL	67°, 33%, 80%
HSV	67°, 15%, 87%
XYZ	63.5488, 70.0955, 57.7573
YIQ	216.0420, 8.2090, -11.1110

Conversions

Conversions Part 2

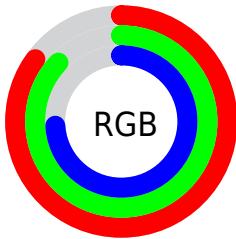
Format	Color
R _{YB}	188, 221, 192
Decimal	14278076
CIE Lab	87.04, -6.94, 15.76
CIE LCh	87, 17.222, 113.766
Yxy	70.0955, 0.3320, 0.3662
Android (android.graphics.Color)	4292468156 (0xFFD9DDBC)
YUV	216.0420, -13.8247, 0.8402
Hunter-Lab	83.7230, -11.0273, 17.7042

Details

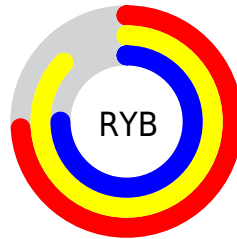
The RYB color **188, 221, 192** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **192, 188, 221**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **244, 255, 244**, and **135, 166, 139** is the 20% darker color. If you saturate the color by 10%, you get **166, 221, 173**, and if you desaturate by 10%, it is **210, 221, 211**.

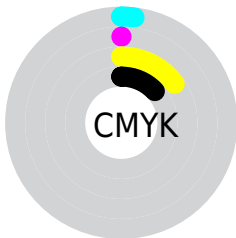
Distribution



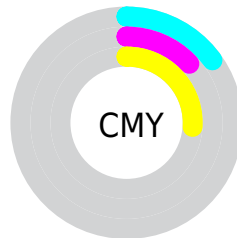
- Red (85%)
- Green (87%)
- Blue (74%)



- Red (74%)
- Yellow (87%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 221, 192 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, 221, 192 by changing the saturation by 10% instead.

 188, 221, 192


255, 255, 255

 244, 255, 244

 188, 221, 192

 161, 193, 165

 135, 166, 139

 109, 140, 113

 85, 114, 89

 62, 90, 66

 39, 66, 43

 19, 44, 23

 0, 24, 5

 0, 0, 0

 188, 221, 192

 188, 221, 192

 166, 221, 173

 210, 221, 211

 144, 221, 153

 222, 221, 232

 122, 221, 134

 225, 221, 254

 100, 221, 115

 228, 221, 255

 78, 221, 95

 230, 221, 255

 55, 221, 75

 233, 221, 255

 33, 221, 56

 236, 221, 255

 11, 221, 36

 238, 221, 255

 0, 221, 27

 241, 221, 255

Harmonies

Analogous

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



217, 235, 186



188, 221, 192



198, 225, 225

Triad

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



188, 221, 192



181, 207, 244



249, 207, 222

Complementary

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



188, 221, 192



192, 188, 221

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.



236, 210, 238



188, 221, 192



196, 213, 250

Square

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



188, 221, 192



176, 202, 231



217, 215, 248



253, 207, 206

Rectangle

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



188, 221, 192



187, 213, 227



217, 215, 248



246, 208, 228

Sweetspot

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



188, 221, 192



245, 255, 246



221, 193, 188



121, 128, 122



0, 0, 0



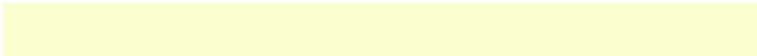
128, 128, 128

Same Dimension

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



188, 221, 192



209, 255, 215



188, 221, 208



99, 110, 101



0, 173, 21



0, 46, 6

Inverse Universe

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



192, 188, 221



215, 209, 255



208, 188, 221



100, 99, 110



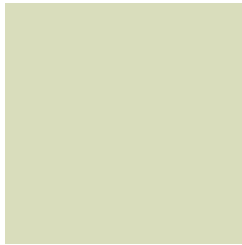
21, 0, 173



6, 0, 46

Previews

White Background



This preview shows how the RYB color 188, 221, 192 looks on a white background.

Color Contrast Check

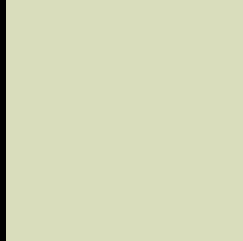
Large Text (above 18pt) WCAG AA × Fail

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, 221, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

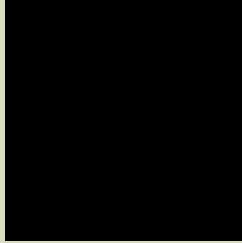
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

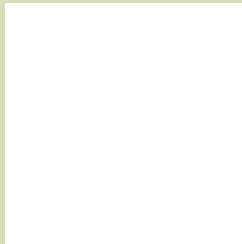
Any Text WCAG AAA ✓ Pass

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

R Y B 188, 221, 192 Background



This preview shows how black text looks on a background with the RYB color 188, 221, 192.



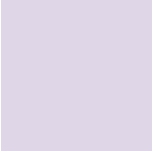
This preview shows how white text looks on a background with the RYB color 188, 221, 192.

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](#).

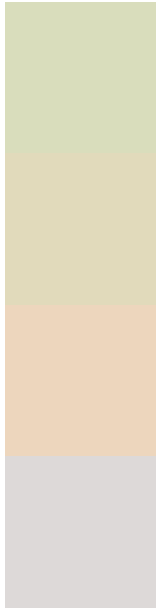
Dichromacy





Tritanopia
223, 215, 232

Trichromacy



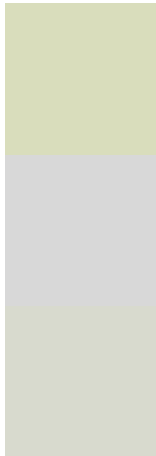
Original Color
188, 221, 192

Protanomaly
196, 225, 187

Deuteranomaly
233, 237, 189

Tritanomaly
221, 217, 216

Monochromacy



Original Color
188, 221, 192

Achromatopsia
216, 216, 216

Achromatomaly
206, 218, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 221, 192 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(217, 221, 188) looks like.

```
.text, #text, p{  
    color:rgb(217, 221, 188)  
}
```

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(217, 221, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 221, 188) }
```

Border

The CSS property to change the border of an element to RYB 188, 221, 192 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(217, 221, 188) }
```

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

```
.border{ border-color:rgb(217, 221, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 221, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 221, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 221, 188);  
box-shadow:4px 4px 4px 4px rgb(217, 221,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 188, 221, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 221, 188) }
```

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

```
.background{ background-color: rgb(217,  
221, 188) }
```

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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