

Converting Colors

`RYB(188, 223, 191)`

Have a look what the booklet for
RYB(188, 223, 191) contains.

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Color

R_YB(188, 223, 191)

Conversions

Conversions Part 1

Format	Color
Hex	DCDFBC
RGB	220, 223, 188
RGB Percent	86%, 87%, 74%
CMY	0.1373, 0.1255, 0.2627
CMYK	0.01, 0.00, 0.16, 0.13
HSL	65°, 35%, 81%
HSV	65°, 16%, 87%
XYZ	64.9800, 71.6218, 57.9765
YIQ	218.1130, 9.4470, -11.5210

Conversions

Conversions Part 2

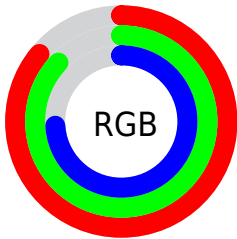
Format	Color
RYB	188, 223, 191
Decimal	14475196
CIELab	87.79, -6.88, 16.84
CIELCh	88, 18.190, 112.236
Yxy	71.6218, 0.3340, 0.3681
Android (android.graphics.Color)	4292665276 (0xFFDCDFBC)
YUV	218.1130, -14.8457, 1.6549
Hunter-Lab	84.6297, -11.0469, 18.6235

Details

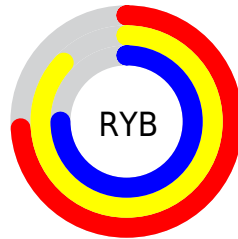
The RYB color **188, 223, 191** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **191, 188, 223**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **244, 255, 244**, and **135, 168, 138** is the 20% darker color. If you saturate the color by 10%, you get **166, 223, 171**, and if you desaturate by 10%, it is **210, 223, 211**.

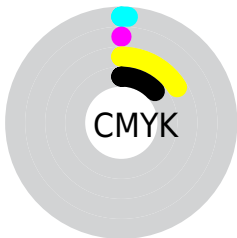
Distribution



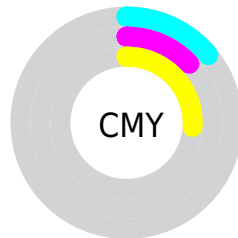
- Red (86%)
- Green (87%)
- Blue (74%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 223, 191 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, 223, 191 by changing the saturation by 10% instead.

 188, 223, 191

255, 255, 255

 244, 255, 244


 188, 223, 191

 161, 195, 164

 135, 168, 138

 109, 141, 112

 85, 116, 88

 61, 91, 64

 39, 68, 43

 19, 46, 23

 0, 25, 3

 0, 0, 0

 188, 223, 191


 188, 223, 191

 166, 223, 171

 210, 223, 211

 143, 223, 150

 224, 223, 233

 121, 223, 130

 226, 223, 255


 99, 223, 110

 228, 223, 255

 77, 223, 90

 230, 223, 255

 54, 223, 68

 231, 223, 255

 32, 223, 48

 233, 223, 255

 10, 223, 28

 235, 223, 255

 0, 223, 19

 237, 223, 255

Harmonies

Analogous

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



221, 238, 186



188, 223, 191



199, 228, 227

Triad

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



188, 223, 191



180, 208, 247



252, 209, 225

Complementary

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



188, 223, 191



191, 188, 223

Split Complementary

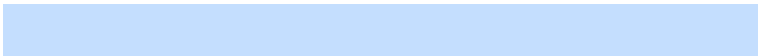
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238, 212, 241



188, 223, 191



196, 214, 254

Square

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



188, 223, 191



175, 203, 232



218, 217, 252



255, 209, 208

Rectangle

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



188, 223, 191



188, 215, 229



218, 217, 252



249, 209, 231

Sweetspot

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



188, 223, 191



242, 255, 243



223, 191, 188



120, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



188, 223, 191



207, 255, 211



188, 223, 208



101, 112, 102



0, 176, 15



0, 48, 4

Inverse Universe

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



191, 188, 223



211, 207, 255



208, 188, 223



102, 101, 112



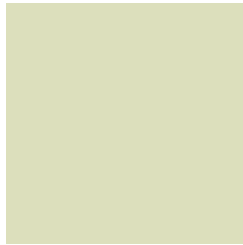
15, 0, 176



4, 0, 48

Previews

White Background



This preview shows how the RYB color 188, 223, 191 looks on a white background.

Color Contrast Check

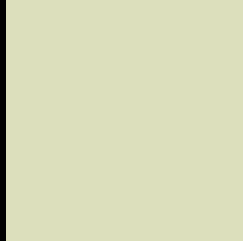
Large Text (above 18pt) WCAG AA × Fail

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, 223, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

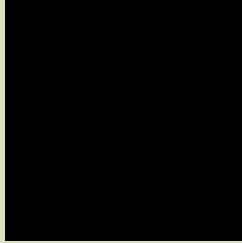
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

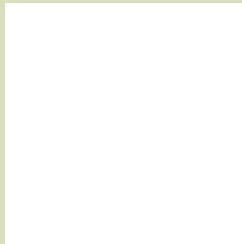
Any Text WCAG AAA ✓ Pass

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

RYB 188, 223, 191 Background



This preview shows how black text looks on a background with the RYB color 188, 223, 191.



This preview shows how white text looks on a background with the RYB color 188, 223, 191.

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](#).

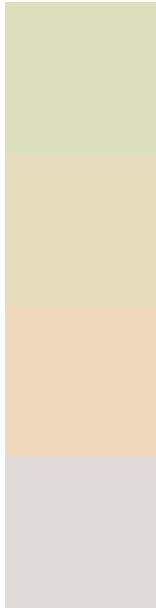
Dichromacy





Tritanopia
226, 217, 234

Trichromacy



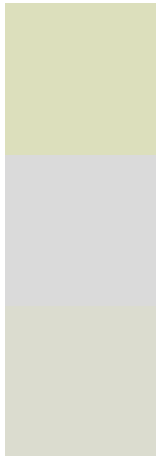
Original Color
188, 223, 191

Protanomaly
197, 228, 187

Deuteranomaly
234, 240, 189

Tritanomaly
224, 220, 217

Monochromacy



Original Color
188, 223, 191

Achromatopsia
218, 218, 218

Achromatomaly
207, 220, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 223, 191 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(220, 223, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 223, 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(220, 223, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 223, 188) }
```

Border

The CSS property to change the border of an element to RYB 188, 223, 191 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(220, 223, 188) }
```

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

```
.border{ border-color:rgb(220, 223, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 223, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 223, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 223, 188);  
box-shadow:4px 4px 4px 4px rgb(220, 223,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 188, 223, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 223, 188) }
```

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

```
.background{ background-color: rgb(220,  
223, 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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