

Converting Colors

`RYB(156, 219, 183)`

Have a look what the booklet for
RYB(156, 219, 183) contains.

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Color

R_YB(156, 219, 183)

Conversions

Conversions Part 1

Format	Color
Hex	C0DB9C
RGB	192, 219, 156
RGB Percent	75%, 86%, 61%
CMY	0.2471, 0.1412, 0.3882
CMYK	0.12, 0.00, 0.29, 0.14
HSL	86°, 47%, 74%
HSV	86°, 29%, 86%
XYZ	53.0705, 64.2698, 41.0607
YIQ	203.7450, 4.1310, -25.3170

Conversions

Conversions Part 2

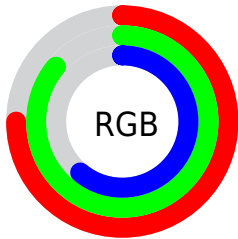
Format	Color
RYB	156, 219, 183
Decimal	12639132
CIELab	84.11, -19.77, 28.10
CIELCh	84, 34.357, 125.121
Yxy	64.2698, 0.3350, 0.4057
Android (android.graphics.Color)	4290829212 (0xFFC0DB9C)
YUV	203.7450, -23.5383, -10.3004
Hunter-Lab	80.1684, -22.1301, 25.7508

Details

The RYB color **156, 219, 183** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **183, 156, 219**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **211, 255, 217**, and **104, 164, 130** is the 20% darker color. If you saturate the color by 10%, you get **134, 219, 170**, and if you desaturate by 10%, it is **178, 219, 196**.

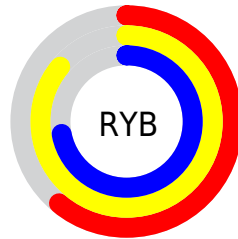
Distribution



Red (75%)

Green (86%)

Blue (61%)



Red (61%)

Yellow (86%)

Blue (72%)

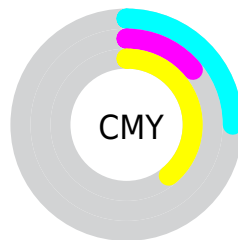


Cyan (12%)

Magenta (0%)

Yellow (29%)

Black (14%)



Cyan (25%)

Magenta (14%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 219, 183 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 156, 219, 183 by changing the saturation by 10% instead.


 156, 219, 183

255, 255, 255


 211, 255, 217


 239, 255, 239

 156, 219, 183

 130, 191, 156

 104, 164, 130

 80, 138, 106

 56, 112, 81

 33, 88, 59

 10, 64, 35

 0, 42, 24

 0, 23, 23

 0, 0, 0

 156, 219, 183

 156, 219, 183

 134, 219, 170

 178, 219, 196

 112, 219, 158

 200, 219, 208

 90, 219, 145

 220, 219, 222

 68, 219, 133

 230, 219, 244

 47, 219, 121

 239, 219, 255

 25, 219, 108

 248, 219, 255

 3, 219, 96

 255, 219, 255

 0, 219, 94

Harmonies

Analogous

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



166, 227, 145



156, 219, 183



154, 205, 225

Triad

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



156, 219, 183



131, 183, 255



255, 186, 205

Complementary

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



156, 219, 183



183, 156, 219

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.



255, 190, 238



156, 219, 183



176, 200, 255

Square

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



156, 219, 183



107, 171, 246



222, 199, 255



255, 192, 174

Rectangle

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



156, 219, 183



131, 186, 227



222, 199, 255



255, 186, 216

Sweetspot

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



156, 219, 183



232, 255, 242



219, 200, 156



113, 128, 120



0, 0, 0



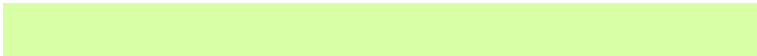
128, 128, 128

Same Dimension

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



156, 219, 183



166, 255, 204



156, 219, 214



99, 110, 104



0, 173, 74



0, 46, 20

Inverse Universe

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



183, 156, 219



204, 166, 255



214, 156, 219



103, 99, 110



74, 0, 173



20, 0, 46

Previews

White Background



This preview shows how the RYB color 156, 219, 183 looks on a white background.

Color Contrast Check

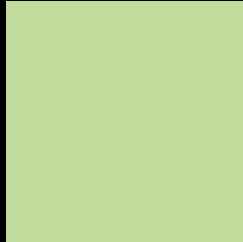
Large Text (above 18pt) WCAG AA × Fail

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 156, 219, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

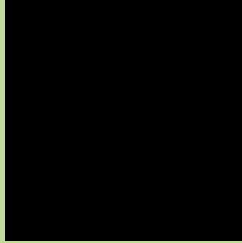
Any Text WCAG AA ✓ Pass

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 156, 219, 183 Background



This preview shows how black text looks on a background with the RYB color 156, 219, 183.

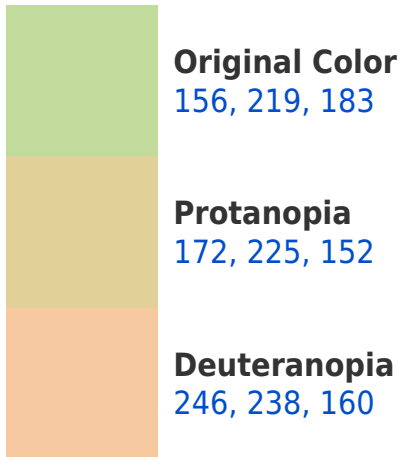


This preview shows how white text looks on a background with the RYB color 156, 219, 183.

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](#).

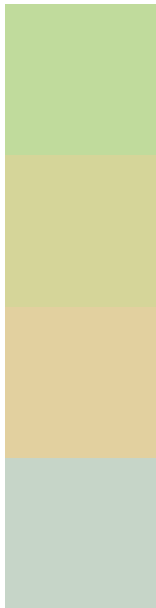
Dichromacy





Tritanopia
202, 208, 227

Trichromacy



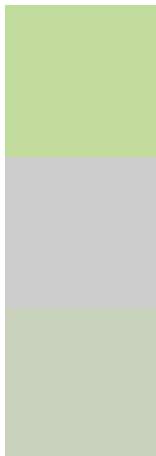
Original Color
156, 219, 183

Protanomaly
153, 213, 153

Deuteranomaly
184, 226, 159

Tritanomaly
198, 211, 213

Monochromacy



Original Color
156, 219, 183

Achromatopsia
204, 204, 204

Achromatomaly
187, 209, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 219, 183 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(192, 219, 156)` looks like.

```
.text, #text, p{  
    color:rgb(192, 219, 156)  
}
```

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(192, 219, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 219, 156) }
```

Border

The CSS property to change the border of an element to RYB 156, 219, 183 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(192, 219, 156) }
```

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

```
.border{ border-color:rgb(192, 219, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 219, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 219, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 219, 156);  
box-shadow:4px 4px 4px 4px rgb(192, 219,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 156, 219, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 219, 156) }
```

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

```
.background{ background-color: rgb(192,  
219, 156) }
```

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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