

Converting Colors

`RYB(160, 223, 176)`

Have a look what the booklet for
RYB(160, 223, 176) contains.

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Color

R_YB(160, 223, 176)

Conversions

Conversions Part 1

Format	Color
Hex	CFDFA0
RGB	207, 223, 160
RGB Percent	81%, 87%, 63%
CMY	0.1882, 0.1255, 0.3725
CMYK	0.07, 0.00, 0.28, 0.13
HSL	75°, 50%, 75%
HSV	75°, 28%, 87%
XYZ	58.4650, 68.5788, 43.4133
YIQ	211.0340, 10.6870, -22.9850

Conversions

Conversions Part 2

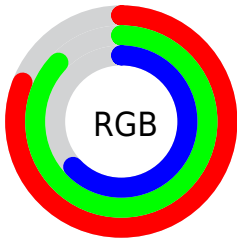
Format	Color
RYB	160, 223, 176
Decimal	13623200
CIELab	86.30, -15.70, 29.17
CIElCh	86, 33.124, 118.290
Yxy	68.5788, 0.3430, 0.4023
Android (android.graphics.Color)	4291813280 (0xFFCFDFA0)
YUV	211.0340, -25.1598, -3.5378
Hunter-Lab	82.8123, -18.9017, 26.8866

Details

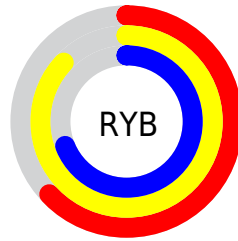
The RYB color **160, 223, 176** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **176, 160, 223**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **215, 255, 215**, and **108, 168, 124** is the 20% darker color. If you saturate the color by 10%, you get **138, 223, 160**, and if you desaturate by 10%, it is **182, 223, 192**.

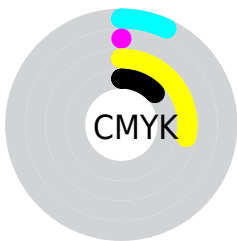
Distribution



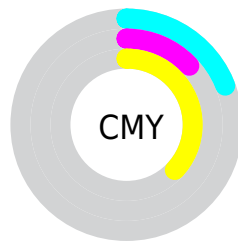
- Red (81%)
- Green (87%)
- Blue (63%)



- Red (63%)
- Yellow (87%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 223, 176 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 160, 223, 176 by changing the saturation by 10% instead.


 160, 223, 176

255, 255, 255

 215, 255, 215


 244, 255, 244

 160, 223, 176

 134, 195, 150

 108, 168, 124

 83, 141, 98

 59, 116, 75

 36, 91, 52

 13, 68, 29

 0, 45, 15

 0, 26, 26

 0, 0, 0

 160, 223, 176

 160, 223, 176

 138, 223, 160

 182, 223, 192

 115, 223, 142

 205, 223, 210

 93, 223, 126

 224, 223, 227

 71, 223, 110

 230, 223, 249

 48, 223, 92

 235, 223, 255

 26, 223, 76

 241, 223, 255

 4, 223, 60

 247, 223, 255

 0, 223, 57

 252, 223, 255

 255, 223, 255

Harmonies

Analogous

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



192, 240, 153



160, 223, 176



171, 221, 230

Triad

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



160, 223, 176



134, 187, 255



255, 193, 219

Complementary

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



160, 223, 176



176, 160, 223

Split Complementary

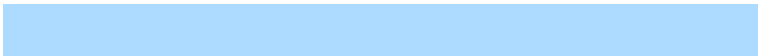
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 198, 249



160, 223, 176



173, 202, 255

Square

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



160, 223, 176



119, 179, 245



218, 208, 255



255, 196, 188

Rectangle

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



160, 223, 176



148, 200, 233



218, 208, 255



255, 194, 230

Sweetspot

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



160, 223, 176



235, 255, 240



223, 181, 160



115, 128, 119



0, 0, 0



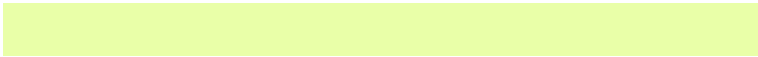
128, 128, 128

Same Dimension

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



160, 223, 176



168, 255, 190



160, 223, 207



101, 112, 104



0, 176, 45



0, 48, 12

Inverse Universe

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



176, 160, 223



190, 168, 255



207, 160, 223



104, 101, 112



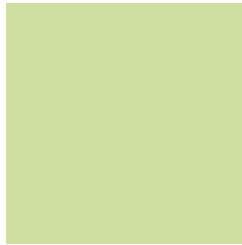
45, 0, 176



12, 0, 48

Previews

White Background



This preview shows how the RYB color 160, 223, 176 looks on a white background.

Color Contrast Check

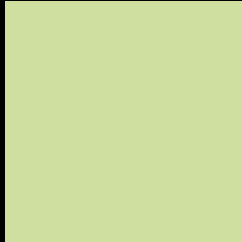
Large Text (above 18pt) WCAG AA × Fail

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 160, 223, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

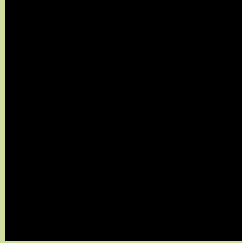
Any Text WCAG AA ✓ Pass

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 160, 223, 176 Background



This preview shows how black text looks on a background with the RYB color 160, 223, 176.



This preview shows how white text looks on a background with the RYB color 160, 223, 176.

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](#).

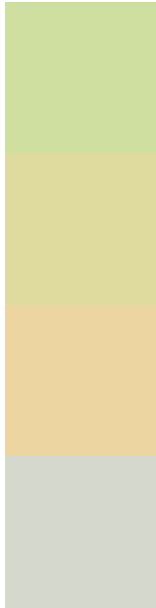
Dichromacy





Tritanopia
217, 214, 231

Trichromacy



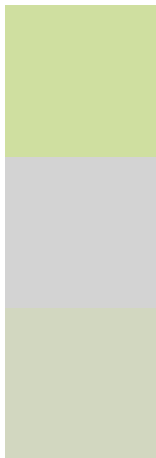
Original Color
160, 223, 176

Protanomaly
163, 223, 158

Deuteranomaly
197, 237, 162

Tritanomaly
205, 217, 209

Monochromacy



Original Color
160, 223, 176

Achromatopsia
211, 211, 211

Achromatomaly
192, 215, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 160, 223, 176 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(207, 223, 160) looks like.

```
.text, #text, p{  
    color:rgb(207, 223, 160)  
}
```

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(207, 223, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 223, 160) }
```

Border

The CSS property to change the border of an element to RYB 160, 223, 176 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(207, 223, 160) }
```

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

```
.border{ border-color:rgb(207, 223, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 223, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 223, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 223, 160);  
box-shadow:4px 4px 4px 4px rgb(207, 223,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 160, 223, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 223, 160) }
```

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

```
.background{ background-color: rgb(207,  
223, 160) }
```

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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