

Converting Colors

`RYB(160, 209, 221)`

Have a look what the booklet for
RYB(160, 209, 221) contains.

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Color

R_YB(160, 209, 221)

Conversions

Conversions Part 1

Format	Color
Hex	A0DDAF
RGB	160, 221, 175
RGB Percent	63%, 87%, 69%
CMY	0.3725, 0.1333, 0.3140
CMYK	0.28, 0.00, 0.21, 0.13
HSL	135°, 47%, 75%
HSV	135°, 28%, 87%
XYZ	48.0855, 62.2792, 50.0126
YIQ	197.5170, -21.5900, -27.2380

Conversions

Conversions Part 2

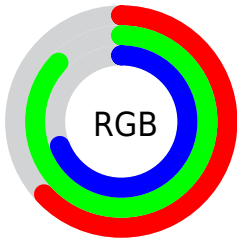
Format	Color
RYB	160, 209, 221
Decimal	10542511
CIELab	83.06, -28.58, 16.48
CIELCh	83, 32.994, 150.028
Yxy	62.2792, 0.2998, 0.3883
Android (android.graphics.Color)	4288732591 (0xFFA0DDAF)
YUV	197.5170, -11.1009, -32.9024
Hunter-Lab	78.9172, -29.3422, 17.6678

Details

The RYB color **160, 209, 221** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **221, 160, 206**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **216, 244, 255**, and **107, 154, 166** is the 20% darker color. If you saturate the color by 10%, you get **138, 205, 221**, and if you desaturate by 10%, it is **182, 213, 221**.

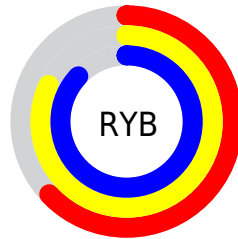
Distribution



Red (63%)

Green (87%)

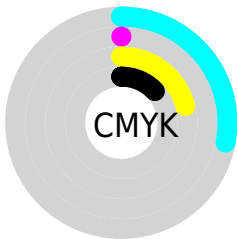
Blue (69%)



Red (63%)

Yellow (82%)

Blue (87%)

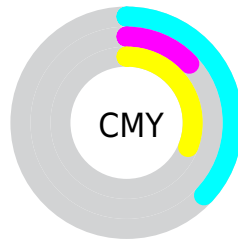


Cyan (28%)

Magenta (0%)

Yellow (21%)

Black (13%)



Cyan (37%)

Magenta (13%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 209, 221 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, 209, 221 by changing the saturation by 10% instead.

 160, 209, 221

 160, 209, 221


255, 255, 255


 133, 181, 193


 216, 244, 255

 107, 154, 166

 245, 250, 255

 81, 126, 139

 56, 100, 113

 30, 73, 88

 0, 45, 65

 0, 38, 42

 0, 19, 19

 0, 0, 0

 160, 209, 221


 160, 209, 221

 138, 205, 221


 182, 213, 221

 116, 200, 221


 204, 218, 221

 94, 196, 221


 226, 221, 225

 72, 192, 221

 248, 221, 242

 50, 187, 221

 255, 221, 255

 27, 183, 221

 5, 178, 221

 0, 178, 221

Harmonies

Analogous

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



152, 214, 170



160, 209, 221



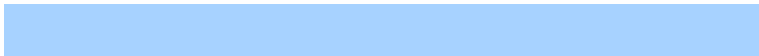
127, 180, 224

Triad

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



160, 209, 221



167, 196, 255



255, 187, 177

Complementary

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



160, 209, 221



221, 160, 206

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, 184, 208



160, 209, 221



211, 199, 255

Square

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



160, 209, 221



126, 180, 255



247, 189, 238



255, 220, 154

Rectangle

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



160, 209, 221



112, 169, 227



247, 189, 238



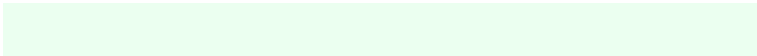
255, 185, 187

Sweetspot

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



160, 209, 221



235, 251, 255



160, 221, 174



115, 126, 128



0, 0, 0



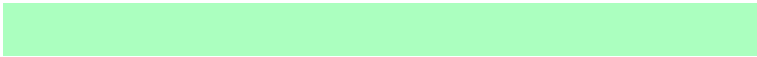
128, 128, 128

Same Dimension

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



160, 209, 221



171, 239, 255



160, 195, 221



99, 108, 110



0, 139, 173



0, 37, 46

Inverse Universe

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



221, 160, 206



255, 171, 234



221, 160, 176



110, 99, 107



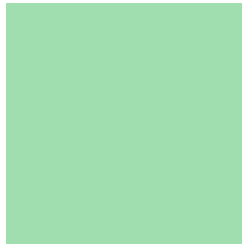
173, 0, 131



46, 0, 35

Previews

White Background



This preview shows how the RYB color 160, 209, 221 looks on a white background.

Color Contrast Check

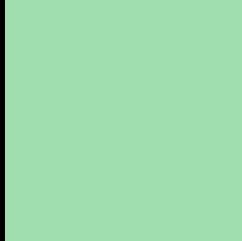
Large Text (above 18pt) WCAG AA × Fail

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, 209, 221 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, 209, 221 Background



This preview shows how black text looks on a background with the RYB color 160, 209, 221.

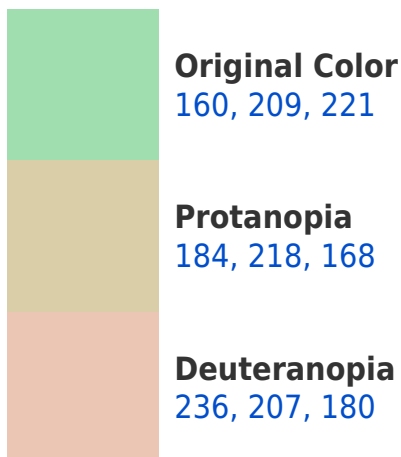


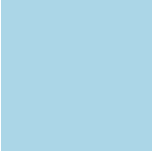
This preview shows how white text looks on a background with the RYB color 160, 209, 221.

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
171, 196, 231

Trichromacy



Original Color

160, 209, 221



Protanomaly

171, 211, 185



Deuteranomaly

180, 208, 178



Tritanomaly

167, 193, 216

Monochromacy



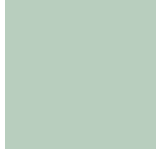
Original Color

160, 209, 221



Achromatopsia

198, 198, 198



Achromatomaly

184, 201, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 209, 221 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(160, 221, 175)` looks like.

```
.text, #text, p{  
    color:rgb(160, 221, 175)  
}
```

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(160, 221, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 221, 175) }
```

Border

The CSS property to change the border of an element to RYB 160, 209, 221 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(160, 221, 175) }
```

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

```
.border{ border-color:rgb(160, 221, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 221, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 221, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 221, 175);  
box-shadow:4px 4px 4px 4px rgb(160, 221,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 160, 209, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 221, 175) }
```

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

```
.background{ background-color: rgb(160,  
221, 175) }
```

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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