

Converting Colors

`RYB(160, 200, 224)`

Have a look what the booklet for
RYB(160, 200, 224) contains.

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Color

R_YB(160, 200, 224)

Conversions

Conversions Part 1

Format	Color
Hex	A0E0C6
RGB	160, 224, 198
RGB Percent	63%, 88%, 78%
CMY	0.3725, 0.1216, 0.2220
CMYK	0.29, 0.00, 0.11, 0.12
HSL	156°, 51%, 75%
HSV	156°, 29%, 88%
XYZ	51.3921, 64.8806, 63.4829
YIQ	201.9000, -29.7980, -21.6540

Conversions

Conversions Part 2

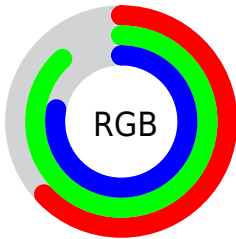
Format	Color
R_{YB}	160, 200, 224
Decimal	10543302
CIE _{Lab}	84.42, -25.52, 6.06
CIE _{LCh}	84, 26.225, 166.639
Yxy	64.8806, 0.2859, 0.3609
Android (android.graphics.Color)	4288733382 (0xFFA0E0C6)
YUV	201.9000, -1.9227, -36.7463
Hunter-Lab	80.5485, -27.0720, 9.6556

Details

The RYB color **160, 200, 224** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **224, 160, 186**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **216, 236, 255**, and **107, 146, 169** is the 20% darker color. If you saturate the color by 10%, you get **138, 192, 224**, and if you desaturate by 10%, it is **182, 208, 224**.

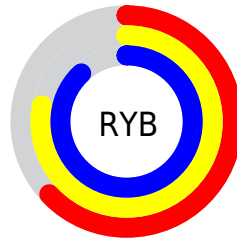
Distribution



Red (63%)

Green (88%)

Blue (78%)



Red (63%)

Yellow (78%)

Blue (88%)

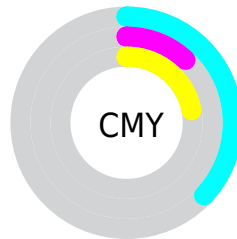


Cyan (29%)

Magenta (0%)

Yellow (11%)

Black (12%)



Cyan (37%)

Magenta (12%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 200, 224 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, 200, 224 by changing the saturation by 10% instead.

 160, 200, 224


255, 255, 255


 216, 236, 255

 245, 250, 255

 160, 200, 224


 133, 172, 196

 106, 145, 169

 81, 119, 142

 55, 92, 116

 28, 65, 91

 0, 39, 67


 0, 28, 45

 0, 23, 24

 0, 0, 0

 160, 200, 224


 160, 200, 224

 138, 192, 224


 182, 208, 224

 115, 183, 224


 205, 217, 224

 93, 175, 224


 227, 224, 225

 70, 166, 224

 250, 224, 234

 48, 158, 224

 255, 224, 243

 26, 150, 224

 255, 224, 252

 3, 141, 224

 255, 224, 255

 0, 140, 224

Harmonies

Analogous

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



176, 220, 209



160, 200, 224



143, 184, 225

Triad

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



160, 200, 224



200, 207, 255



255, 206, 176

Complementary

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



160, 200, 224



224, 160, 186

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, 193, 198



160, 200, 224



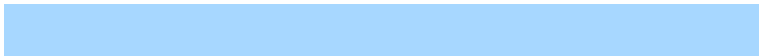
231, 200, 245

Square

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



160, 200, 224



167, 198, 255



253, 194, 223



227, 240, 163

Rectangle

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



160, 200, 224



141, 186, 239



253, 194, 223



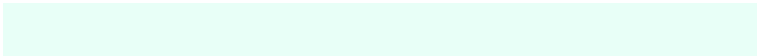
255, 199, 182

Sweetspot

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



160, 200, 224



232, 246, 255



160, 224, 198



113, 122, 128



0, 0, 0



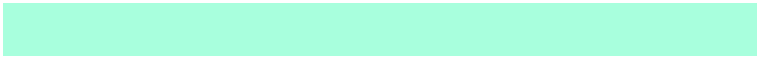
128, 128, 128

Same Dimension

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



160, 200, 224



168, 222, 255



160, 190, 224



101, 108, 112



0, 110, 176



0, 30, 48

Inverse Universe

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



224, 160, 186



255, 168, 203



224, 167, 160



112, 101, 105



176, 0, 70



48, 0, 19

Previews

White Background



This preview shows how the RYB color 160, 200, 224 looks on a white background.

Color Contrast Check

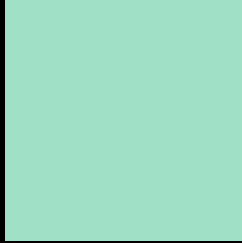
Large Text (above 18pt) WCAG AA × Fail

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, 200, 224 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

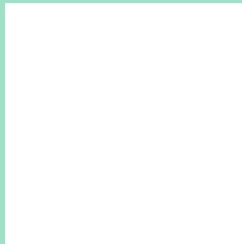
Any Text WCAG AAA ✓ Pass

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

RYB 160, 200, 224 Background



This preview shows how black text looks on a background with the RYB color 160, 200, 224.

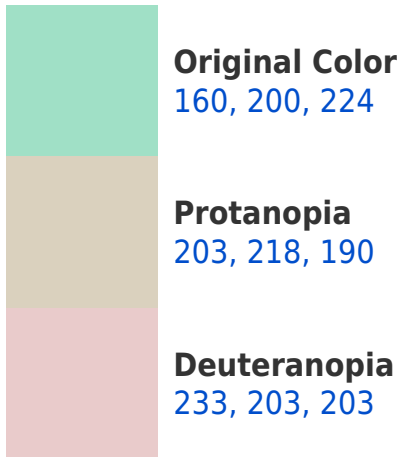


This preview shows how white text looks on a background with the RYB color 160, 200, 224.

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





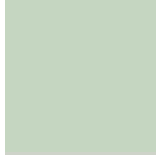
Tritanopia
168, 197, 236

Trichromacy



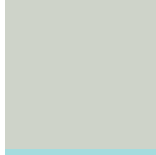
Original Color

160, 200, 224



Protanomaly

193, 214, 210



Deuteranomaly

201, 211, 206



Tritanomaly

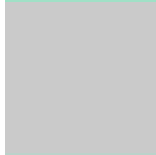
165, 193, 222

Monochromacy



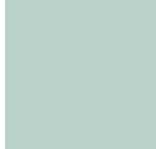
Original Color

160, 200, 224



Achromatopsia

202, 202, 202



Achromatomaly

187, 201, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 200, 224 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, 224, 198)` looks like.

```
.text, #text, p{  
    color:rgb(160, 224, 198)  
}
```

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, 224, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 224, 198) }
```

Border

The CSS property to change the border of an element to RYB 160, 200, 224 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, 224, 198) }
```

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

```
.border{ border-color:rgb(160, 224, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 224, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 224, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 224, 198);  
box-shadow:4px 4px 4px 4px rgb(160, 224,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 160, 200, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 224, 198) }
```

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

```
.background{ background-color: rgb(160,  
224, 198) }
```

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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