

Converting Colors

`RYB(174, 206, 226)`

Have a look what the booklet for
RYB(174, 206, 226) contains.

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Color

R_YB(174, 206, 226)

Conversions

Conversions Part 1

Format	Color
Hex	AEE2CF
RGB	174, 226, 207
RGB Percent	68%, 89%, 81%
CMY	0.3176, 0.1137, 0.1902
CMYK	0.23, 0.00, 0.09, 0.11
HSL	158°, 47%, 78%
HSV	158°, 23%, 89%
XYZ	55.8534, 67.8720, 68.8683
YIQ	208.2860, -24.8930, -16.9330

Conversions

Conversions Part 2

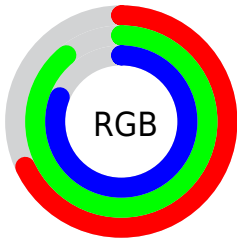
Format	Color
RYB	174, 206, 226
Decimal	11461327
CIELab	85.94, -20.61, 4.08
CIELCh	86, 21.007, 168.790
Yxy	67.8720, 0.2900, 0.3524
Android (android.graphics.Color)	4289651407 (0xFFFAEE2CF)
YUV	208.2860, -0.6340, -30.0688
Hunter-Lab	82.3844, -23.1569, 8.1063

Details

The RYB color **174, 206, 226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **226, 174, 194**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **230, 243, 255**, and **120, 151, 171** is the 20% darker color. If you saturate the color by 10%, you get **151, 197, 226**, and if you desaturate by 10%, it is **197, 215, 226**.

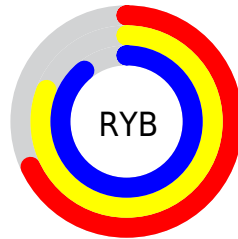
Distribution



Red (68%)

Green (89%)

Blue (81%)



Red (68%)

Yellow (81%)

Blue (89%)

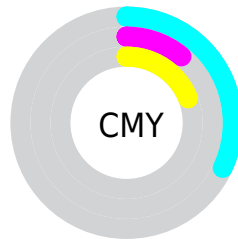


Cyan (23%)

Magenta (0%)

Yellow (9%)

Black (11%)



Cyan (32%)

Magenta (11%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 206, 226 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 174, 206, 226 by changing the saturation by 10% instead.


 174, 206, 226


255, 255, 255

 230, 243, 255


 174, 206, 226

 147, 178, 198

 120, 151, 171

 95, 125, 144

 70, 99, 118

 45, 74, 93

 20, 49, 69


 0, 28, 47

 0, 20, 28

 0, 0, 0

 174, 206, 226

 174, 206, 226

 151, 197, 226


 197, 215, 226

 129, 189, 226


 219, 223, 226

 106, 180, 226


 242, 226, 232

 84, 171, 226


 255, 226, 240

 61, 163, 226

 255, 226, 249

 38, 154, 226

 255, 226, 255

 16, 145, 226

 0, 139, 226

Harmonies

Analogous

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



188, 223, 217



174, 206, 226



162, 194, 227

Triad

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



174, 206, 226



209, 212, 252



252, 213, 186

Complementary

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



174, 206, 226



226, 174, 194

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, 201, 203



174, 206, 226



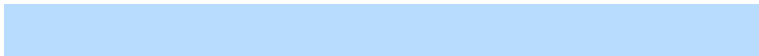
233, 206, 241

Square

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



174, 206, 226



183, 207, 253



251, 202, 223



224, 238, 176

Rectangle

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



174, 206, 226



163, 197, 239



251, 202, 223



255, 206, 191

Sweetspot

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



174, 206, 226



237, 248, 255



174, 226, 206



117, 124, 128



0, 0, 0



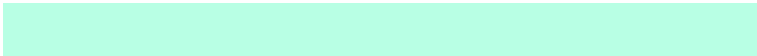
128, 128, 128

Same Dimension

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



174, 206, 226



184, 228, 255



174, 198, 226



101, 108, 112



0, 108, 176



0, 30, 48

Inverse Universe

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



226, 174, 194



255, 184, 210



226, 181, 174



112, 101, 105



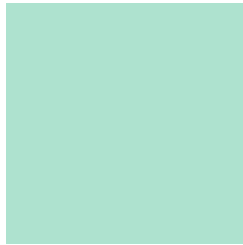
176, 0, 66



48, 0, 18

Previews

White Background



This preview shows how the RYB color 174, 206, 226 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 174, 206, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

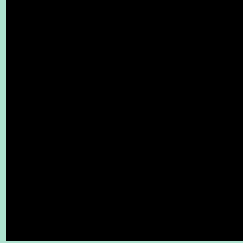
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

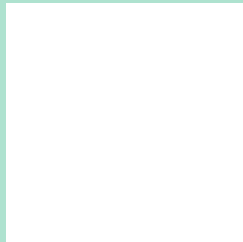
Any Text WCAG AAA ✓ Pass

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

RYB 174, 206, 226 Background



This preview shows how black text looks on a background with the RYB color 174, 206, 226.

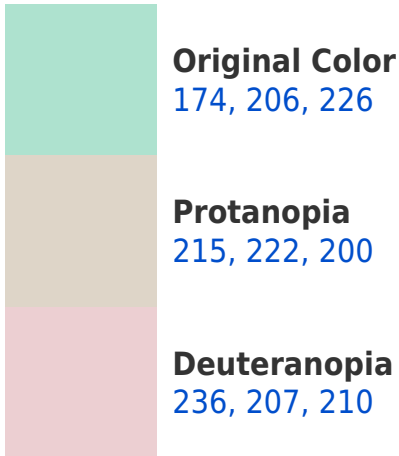


This preview shows how white text looks on a background with the RYB color 174, 206, 226.

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





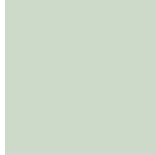
Tritanopia
180, 204, 239

Trichromacy



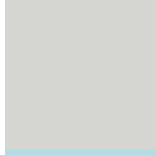
Original Color

174, 206, 226



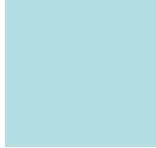
Protanomaly

202, 218, 215



Deuteranomaly

209, 214, 210



Tritanomaly

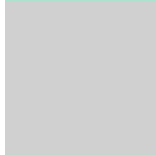
178, 201, 227

Monochromacy



Original Color

174, 206, 226



Achromatopsia

208, 208, 208



Achromatomaly

196, 208, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 206, 226 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(174, 226, 207)` looks like.

```
.text, #text, p{  
    color:rgb(174, 226, 207)  
}
```

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(174, 226, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 226, 207) }
```

Border

The CSS property to change the border of an element to RYB 174, 206, 226 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(174, 226, 207) }
```

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

```
.border{ border-color:rgb(174, 226, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 226, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 226, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 226, 207);  
box-shadow:4px 4px 4px 4px rgb(174, 226,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 174, 206, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 226, 207) }
```

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

```
.background{ background-color: rgb(174,  
226, 207) }
```

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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