Converting Colors

RYB(174, 201, 226)

Have a look what the booklet for RYB(174, 201, 226) contains.

Color

RYB(174, 201, 226)

Conversions

Conversions Part 1

Format	Color
Hex	AEE2DE
RGB	174, 226, 222
RGB Percent	68%, 89%, 87%
CMY	0.3176, 0.1137, 0.1288
CMYK	0.23, 0.00, 0.02, 0.11
HSL	176°, 47%, 78%
HSV	176°, 23%, 89%
XYZ	57.8566, 68.6733, 79.4173
YIQ	209.9960, -29.7080, -12.2680

Conversions

Conversions Part 2

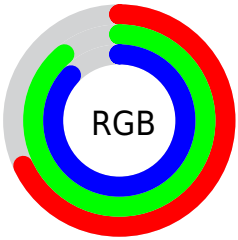
Format	Color
RYB	174, 201, 226
Decimal	11461342
CIELab	86.34, -17.38, -3.58
CIELCh	86, 17.746, 191.638
Yxy	68.6733, 0.2809, 0.3335
Android (android.graphics.Color)	4289651422 (0xFFAEE2DE)
YUV	209.9960, 5.9180, -31.5685
Hunter-Lab	82.8693, -20.3986, 1.1883

Details

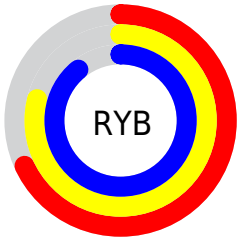
The RYB color 174, 201, 226 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 226, 174, 178, and the grayscale version is 210, 210, 210.

A 20% lighter version of the original color is 230, 243, 255, and 120, 147, 171 is the 20% darker color. If you saturate the color by 10%, you get 151, 190, 226, and if you desaturate by 10%, it is 197, 212, 226.

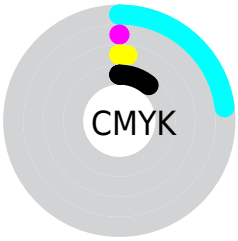
Distribution



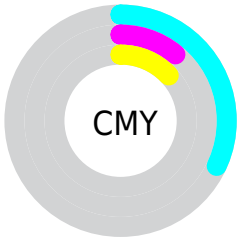
- Red (68%)
- Green (89%)
- Blue (87%)



- Red (68%)
- Yellow (79%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (32%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 201, 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, 201, 226 by changing the saturation by 10% instead.

174, 201, 226

255, 255, 255

230, 243, 255

174, 201, 226

147, 174, 198

120, 147, 171

94, 120, 144

69, 94, 118

44, 69, 93

17, 44, 70

0, 24, 47

0, 14, 27

0, 0, 0

174, 201, 226	174, 201, 226
151, 190, 226	197, 212, 226
129, 179, 226	219, 223, 226
106, 168, 226	242, 226, 227
84, 158, 226	255, 226, 229
61, 147, 226	255, 226, 231
38, 136, 226	255, 226, 232
16, 125, 226	255, 226, 234
0, 117, 226	255, 226, 236
	255, 226, 237

Harmonies

Analogous

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

185, 212, 225

174, 201, 226

174, 202, 238

Triad

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

174, 201, 226

227, 210, 241

239, 235, 185

Complementary

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

174, 201, 226

226, 174, 178

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.

250, 211, 194

174, 201, 226

244, 206, 227

Square

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

174, 201, 226

206, 213, 249

251, 205, 210

190, 223, 183

Rectangle

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

174, 201, 226

181, 206, 245

251, 205, 210

244, 226, 187

Sweetspot

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

174, 201, 226

237, 246, 255

174, 226, 222

117, 123, 128

0, 0, 0

128, 128, 128

Same Dimension

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

174, 201, 226

184, 221, 255

174, 193, 226

101, 107, 112

0, 91, 176

0, 25, 48

Inverse Universe

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

226, 174, 178

255, 184, 189

226, 212, 174

112, 101, 102

176, 0, 13

48, 0, 4

Previews

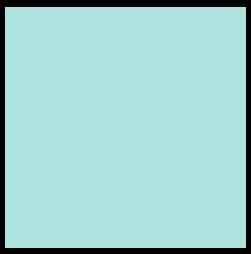
White Background

This preview shows how the RYB color 174, 201, 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



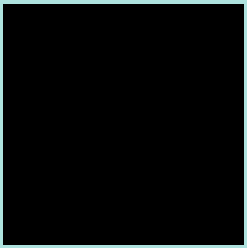
This preview shows how the RYB color 174, 201, 226 looks on a black background.

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, 201, 226 Background



This preview shows how black text looks on a background with the RYB color 174, 201, 226.

This preview shows how white text looks on a background with the RYB color 174, 201, 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

Original Color
174, 201, 226

Protanopia
219, 214, 215

Deuteranopia
232, 209, 226

Tritanopia
178, 204, 241

Trichromacy

Original Color
174, 201, 226

Protanomaly
203, 211, 218

Deuteranomaly
211, 214, 225

Tritanomaly
177, 203, 234

Monochromacy

Original Color
174, 201, 226

Achromatopsia
210, 210, 210

Achromatomaly
197, 207, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 201, 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, 222) looks like.

```
.text, #text, p{
    color:rgb(174, 226, 222)
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 226, 222) }
```

Border

The CSS property to change the border of an element to RYB 174, 201, 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, 222) }
```

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

```
.border{ border-color:rgb(174, 226, 222) }
```

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, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 226, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 226, 222); box-shadow:4px 4px 4px 4px rgb(174, 226, 222) }
```

Background

The CSS property to change the background color of an element to RYB 174, 201, 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, 222) }
```

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

```
.background{ background-color:rgb(174,
226, 222) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor