Converting Colors

RGB(174, 235, 245)

Have a look what the booklet for RGB(174, 235, 245) contains.

Color

RGB(174, 235, 245)

Conversions

Conversions Part 1

Format	Color
Hex	AEEBF5
RGB	174, 235, 245
RGB Percent	68%, 92%, 96%
CMY	0.3176, 0.0784, 0.0392
CMYK	0.29, 0.04, 0.00, 0.04
HSL	188°, 78%, 82%
HSV	188°, 29%, 96%
XYZ	63.6453, 75.0079, 97.5097
YIQ	217.9010, -39.5660, -9.8220

Conversions

Conversions Part 2

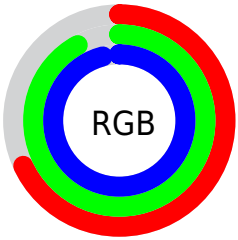
Format	Color
RYB	174, 207, 245
Decimal	11463669
CIELab	89.40, -16.86, -11.06
CIELCh	89, 20.166, 213.262
Yxy	75.0079, 0.2695, 0.3176
Android (android.graphics.Color)	4289653749 (0xFFAEEBF5)
YUV	217.9010, 13.3598, -38.5012
Hunter-Lab	86.6071, -20.3874, -6.1288

Details

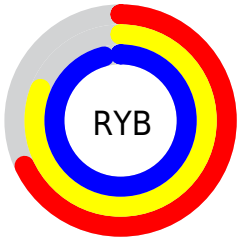
The RGB color 174, 235, 245 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 245, 184, 174, and the grayscale version is 218, 218, 218.

A 20% lighter version of the original color is 231, 255, 255, and 119, 179, 189 is the 20% darker color. If you saturate the color by 10%, you get 150, 232, 245, and if you desaturate by 10%, it is 199, 238, 245.

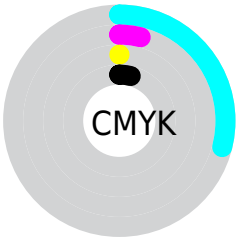
Distribution



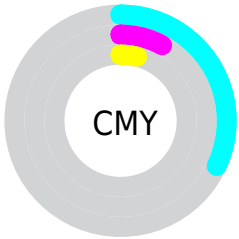
- Red (68%)
- Green (92%)
- Blue (96%)



- Red (68%)
- Yellow (81%)
- Blue (96%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (32%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 235, 245 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 RGB color 174, 235, 245 by changing the saturation by 10% instead.

174, 235, 245

255, 255, 255

231, 255, 255

174, 235, 245

146, 207, 217

119, 179, 189

93, 152, 162

66, 126, 136

38, 101, 110

1, 77, 86

0, 54, 63

0, 33, 41

0, 1, 21

174, 235, 245

150, 232, 245

125, 228, 245

101, 225, 245

76, 221, 245

51, 218, 245

27, 214, 245

2, 211, 245

0, 210, 245

174, 235, 245

199, 238, 245

223, 242, 245

248, 245, 245

255, 249, 245

255, 252, 245

255, 255, 245

Harmonies

Analogous

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

179, 236, 226

174, 235, 245

184, 231, 255

Triad

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

174, 235, 245

252, 214, 242

238, 224, 186

Complementary

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

174, 235, 245

245, 184, 174

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, 218, 191

174, 235, 245

255, 211, 223

Square

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

174, 235, 245

231, 219, 255

255, 213, 204

216, 230, 192

Rectangle

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

174, 235, 245

198, 228, 255

255, 213, 204

244, 222, 187

Sweetspot

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

174, 235, 245

232, 252, 255

174, 245, 183

113, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

174, 235, 245

166, 242, 255

174, 200, 245

110, 121, 122

0, 160, 186

0, 50, 59

Inverse Universe

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

245, 174, 235

255, 166, 242

245, 219, 174

122, 110, 121

186, 0, 160

59, 0, 50

Previews

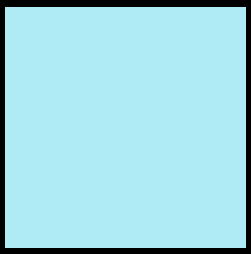
White Background

This preview shows how the RGB color 174, 235, 245 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



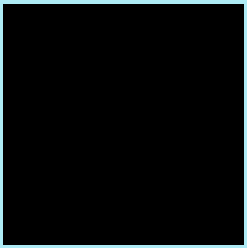
This preview shows how the RGB color 174, 235, 245 looks on a black background.

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.

RGB 174, 235, 245 Background



This preview shows how black text looks on a background with the RGB color 174, 235, 245.

This preview shows how white text looks on a background with the RGB color 174, 235, 245.

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, 235, 245

Protanopia
224, 223, 237

Deuteranopia
234, 218, 249

Tritanopia
176, 234, 253

Trichromacy

Original Color
174, 235, 245

Protanomaly
206, 227, 240

Deuteranomaly
212, 224, 248

Tritanomaly
175, 234, 250

Monochromacy

Original Color
174, 235, 245

Achromatopsia
218, 218, 218

Achromatomaly
202, 224, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 235, 245 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, 235, 245) looks like.

```
.text, #text, p{
    color:rgb(174, 235, 245)
}
```

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, 235, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 235, 245) }
```

Border

The CSS property to change the border of an element to RGB 174, 235, 245 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, 235, 245) }
```

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

```
.border{ border-color:rgb(174, 235, 245) }
```

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

Here you see how a box with a 4 pixel rgb(174, 235, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 235, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 235, 245); box-shadow:4px 4px 4px 4px rgb(174, 235, 245) }
```

Background

The CSS property to change the background color of an element to RGB 174, 235, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(174, 235, 245) }
```

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

```
.background{ background-color:rgb(174,
235, 245) }
```

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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