Converting Colors

RGB(174, 209, 242)

Have a look what the booklet for RGB(174, 209, 242) contains.

Color

RGB(174, 209, 242)

Conversions

Conversions Part 1

Format	Color
Hex	AED1F2
RGB	174, 209, 242
RGB Percent	68%, 82%, 95%
CMY	0.3176, 0.1804, 0.0510
CMYK	0.28, 0.14, 0.00, 0.05
HSL	209°, 72%, 82%
HSV	209°, 28%, 95%
XYZ	56.2830, 61.0104, 92.8142
YIQ	202.2970, -31.4530, 2.8430

Conversions

Conversions Part 2

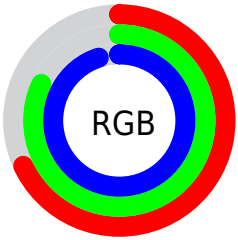
Format	Color
RYB	174, 197, 242
Decimal	11457010
CIELab	82.38, -4.20, -20.01
CIELCh	82, 20.441, 258.146
Yxy	61.0104, 0.2679, 0.2904
Android (android.graphics.Color)	4289647090 (0xFFAED1F2)
YUV	202.2970, 19.5736, -24.8165
Hunter-Lab	78.1092, -8.0695, -15.7757

Details

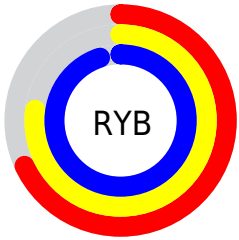
The RGB color 174, 209, 242 is a light color, and the websafe version is hex 99CCFF. A complement of this color would be 242, 207, 174, and the grayscale version is 202, 202, 202.

A 20% lighter version of the original color is 231, 255, 255, and 120, 155, 186 is the 20% darker color. If you saturate the color by 10%, you get 150, 197, 242, and if you desaturate by 10%, it is 198, 221, 242.

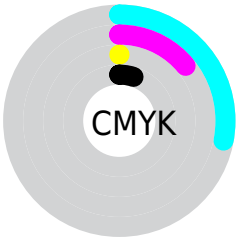
Distribution



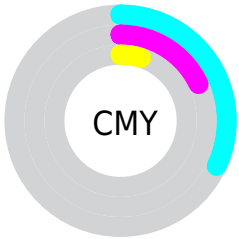
- Red (68%)
- Green (82%)
- Blue (95%)



- Red (68%)
- Yellow (77%)
- Blue (95%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (32%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 209, 242 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, 209, 242 by changing the saturation by 10% instead.

174, 209, 242

255, 255, 255

231, 255, 255

174, 209, 242

147, 181, 214

120, 155, 186

94, 129, 159

68, 104, 133

43, 80, 107

13, 57, 83

0, 35, 60

0, 14, 38

0, 1, 16

174, 209, 242

150, 197, 242

126, 186, 242

101, 174, 242

77, 162, 242

53, 150, 242

29, 139, 242

5, 127, 242

0, 125, 242

174, 209, 242

198, 221, 242

222, 232, 242

247, 244, 242

255, 255, 242

Harmonies

Analogous

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

157, 214, 233

174, 209, 242

199, 203, 241

Triad

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

174, 209, 242

245, 192, 194

186, 213, 179

Complementary

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

174, 209, 242

242, 207, 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.

208, 207, 168

174, 209, 242

241, 195, 177

Square

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

174, 209, 242

239, 192, 213

227, 201, 168

166, 216, 196

Rectangle

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

174, 209, 242

215, 198, 235

227, 201, 168

193, 211, 174

Sweetspot

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

174, 209, 242

235, 245, 255

174, 242, 207

115, 121, 128

0, 0, 0

128, 128, 128

Same Dimension

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

174, 209, 242

168, 213, 255

174, 175, 242

108, 114, 120

0, 94, 184

0, 29, 56

Inverse Universe

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

242, 174, 209

255, 168, 213

242, 241, 174

120, 108, 114

184, 0, 95

56, 0, 29

Previews

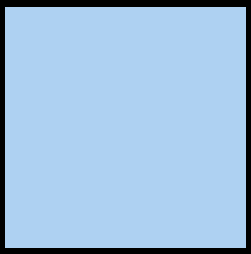
White Background

This preview shows how the RGB color 174, 209, 242 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



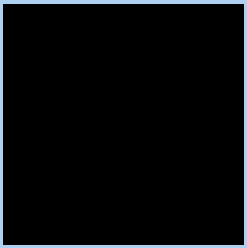
This preview shows how the RGB color 174, 209, 242 looks on a black background.

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, 209, 242 Background



This preview shows how black text looks on a background with the RGB color 174, 209, 242.

This preview shows how white text looks on a background with the RGB color 174, 209, 242.

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, 209, 242

Protanopia
198, 203, 238

Deuteranopia
205, 200, 244

Tritanopia
171, 211, 228

Trichromacy

Original Color
174, 209, 242

Protanomaly
189, 205, 239

Deuteranomaly
194, 203, 243

Tritanomaly
172, 210, 233

Monochromacy

Original Color
174, 209, 242

Achromatopsia
202, 202, 202

Achromatomaly
192, 205, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 209, 242 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, 209, 242) looks like.

```
.text, #text, p{
    color:rgb(174, 209, 242)
}
```

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, 209, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 209, 242) }
```

Border

The CSS property to change the border of an element to RGB 174, 209, 242 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, 209, 242) }
```

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

```
.border{ border-color:rgb(174, 209, 242) }
```

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

Here you see how a box with a 4 pixel rgb(174, 209, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 209, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 209, 242); box-shadow:4px 4px 4px 4px rgb(174, 209, 242) }
```

Background

The CSS property to change the background color of an element to RGB 174, 209, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(174, 209, 242) }
```

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

```
.background{ background-color:rgb(174,
209, 242) }
```

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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