Converting Colors

RGB(174, 255, 200)

Have a look what the booklet for RGB(174, 255, 200) contains.

Color

RGB(174, 255, 200)

Conversions

Conversions Part 1

Format	Color
Hex	AEFFC8
RGB	174, 255, 200
RGB Percent	68%, 100%, 78%
CMY	0.3176, 0.0000, 0.2157
CMYK	0.32, 0.00, 0.22, 0.00
HSL	139°, 100%, 84%
HSV	139°, 32%, 100%
XYZ	63.6409, 84.6888, 67.6359
YIQ	224.5110, -30.6210, -34.2770

Conversions

Conversions Part 2

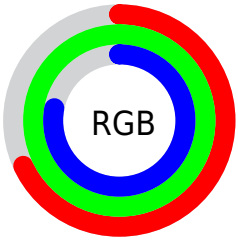
Format	Color
RYB	174, 235, 255
Decimal	11468744
CIELab	93.75, -35.63, 18.57
CIELCh	94, 40.182, 152.468
Yxy	84.6888, 0.2947, 0.3921
Android (android.graphics.Color)	4289658824 (0xFFAEFFC8)
YUV	224.5110, -12.0839, -44.2981
Hunter-Lab	92.0265, -37.6048, 20.8427

Details

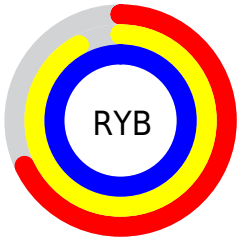
The RGB color 174, 255, 200 is a light color, and the websafe version is hex 99FFCC. A complement of this color would be 255, 174, 229, and the grayscale version is 225, 225, 225.

A 20% lighter version of the original color is 231, 255, 255, and 119, 198, 146 is the 20% darker color. If you saturate the color by 10%, you get 148, 255, 183, and if you desaturate by 10%, it is 200, 255, 217.

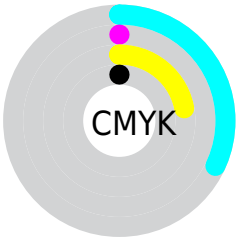
Distribution



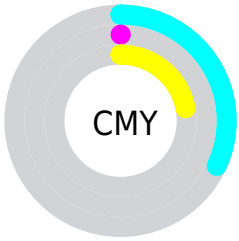
- Red (68%)
- Green (100%)
- Blue (78%)



- Red (68%)
- Yellow (92%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 255, 200 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, 255, 200 by changing the saturation by 10% instead.

174, 255, 200

255, 255, 255

231, 255, 255

174, 255, 200

146, 226, 173

119, 198, 146

92, 170, 120

65, 143, 95

37, 117, 71

0, 92, 48

0, 68, 27

0, 45, 2

0, 22, 0

174, 255, 200

148, 255, 183

123, 255, 165

98, 255, 148

72, 255, 131

47, 255, 113

21, 255, 96

0, 255, 82

174, 255, 200

200, 255, 217

225, 255, 235

251, 255, 252

255, 255, 255

Harmonies

Analogous

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

219, 247, 171

174, 255, 200

130, 255, 239

Triad

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

174, 255, 200

190, 240, 255

255, 212, 197

Complementary

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

174, 255, 200

255, 174, 229

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, 208, 235

174, 255, 200

247, 226, 255

Square

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

174, 255, 200

134, 251, 255

255, 214, 255

255, 222, 169

Rectangle

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

174, 255, 200

111, 255, 255

255, 214, 255

255, 209, 209

Sweetspot

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

174, 255, 200

230, 255, 238

229, 255, 174

112, 128, 117

0, 0, 0

128, 128, 128

Same Dimension

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

174, 255, 200

158, 255, 189

174, 255, 240

115, 128, 119

0, 191, 61

0, 64, 20

Inverse Universe

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

255, 174, 229

255, 158, 224

255, 174, 189

128, 115, 123

191, 0, 130

64, 0, 43

Previews

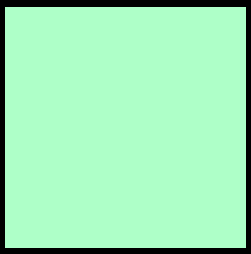
White Background

This preview shows how the RGB color 174, 255, 200 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



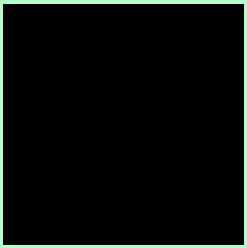
This preview shows how the RGB color 174, 255, 200 looks on a black background.

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, 255, 200 Background



This preview shows how black text looks on a background with the RGB color 174, 255, 200.

This preview shows how white text looks on a background with the RGB color 174, 255, 200.

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, 255, 200

Protanopia
250, 236, 191

Deuteranopia
255, 231, 220

Tritanopia
207, 242, 255

Trichromacy

Original Color
174, 255, 200

Protanomaly
222, 243, 194

Deuteranomaly
226, 240, 213

Tritanomaly
195, 247, 235

Monochromacy

Original Color
174, 255, 200

Achromatopsia
225, 225, 225

Achromatomaly
206, 236, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 255, 200 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, 255, 200) looks like.

```
.text, #text, p{
    color:rgb(174, 255, 200)
}
```

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, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 255, 200) }
```

Border

The CSS property to change the border of an element to RGB 174, 255, 200 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, 255, 200) }
```

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

```
.border{ border-color:rgb(174, 255, 200) }
```

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

Here you see how a box with a 4 pixel rgb(174, 255, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 255, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 255, 200); box-shadow:4px 4px 4px 4px rgb(174, 255, 200) }
```

Background

The CSS property to change the background color of an element to RGB 174, 255, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(174, 255, 200) }
```

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

```
.background{ background-color:rgb(174,
255, 200) }
```

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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