Converting Colors

RGB(175, 255, 245)

Have a look what the booklet for RGB(175, 255, 245) contains.

Color

RGB(175, 255, 245)

Conversions

Conversions Part 1

Format	Color
Hex	AFFFF5
RGB	175, 255, 245
RGB Percent	69%, 100%, 96%
CMY	0.3137, 0.0000, 0.0392
CMYK	0.31, 0.00, 0.04, 0.00
HSL	172°, 100%, 84%
HSV	172°, 31%, 100%
XYZ	69.9206, 87.2265, 99.5374
YIQ	229.9400, -44.4700, -20.0700

Conversions

Conversions Part 2

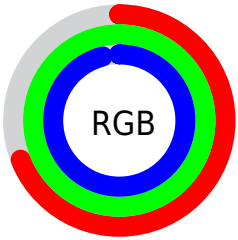
Format	Color
RYB	175, 218, 255
Decimal	11534325
CIELab	94.83, -26.37, -3.01
CIELCh	95, 26.543, 186.516
Yxy	87.2265, 0.2724, 0.3398
Android (android.graphics.Color)	4289724405 (0xFFAFFFF5)
YUV	229.9400, 7.4246, -48.1824
Hunter-Lab	93.3951, -29.8068, 2.1873

Details

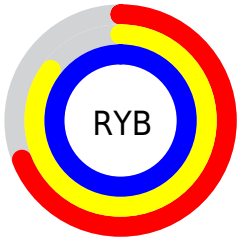
The RGB color 175, 255, 245 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 255, 175, 185, and the grayscale version is 230, 230, 230.

A 20% lighter version of the original color is 233, 255, 255, and 119, 198, 189 is the 20% darker color. If you saturate the color by 10%, you get 149, 255, 242, and if you desaturate by 10%, it is 201, 255, 248.

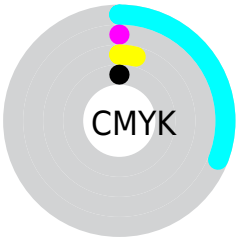
Distribution



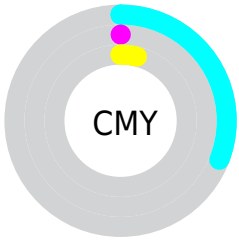
- Red (69%)
- Green (100%)
- Blue (96%)



- Red (69%)
- Yellow (85%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 255, 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 175, 255, 245 by changing the saturation by 10% instead.

175, 255, 245

255, 255, 255

233, 255, 255

175, 255, 245

147, 226, 217

119, 198, 189

92, 171, 162

64, 144, 136

34, 118, 110

0, 93, 86

0, 69, 63

0, 46, 41

0, 26, 21

175, 255, 245	175, 255, 245
149, 255, 242	201, 255, 248
124, 255, 239	226, 255, 251
98, 255, 235	252, 255, 255
73, 255, 232	255, 255, 255
48, 255, 229	
22, 255, 226	
0, 255, 223	

Harmonies

Analogous

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

197, 253, 219

175, 255, 245

170, 253, 255

Triad

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

175, 255, 245

252, 232, 255

255, 232, 194

Complementary

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

175, 255, 245

255, 175, 185

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, 225, 211

175, 255, 245

255, 225, 255

Square

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

175, 255, 245

218, 241, 255

255, 222, 235

254, 240, 189

Rectangle

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

175, 255, 245

179, 250, 255

255, 222, 235

255, 229, 198

Sweetspot

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

175, 255, 245

232, 255, 252

186, 255, 175

113, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

175, 255, 245

158, 255, 243

175, 226, 255

115, 128, 126

0, 191, 167

0, 64, 56

Inverse Universe

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

255, 175, 185

255, 158, 170

255, 204, 175

128, 115, 116

191, 0, 24

64, 0, 8

Previews

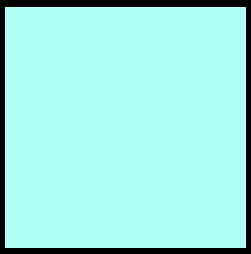
White Background

This preview shows how the RGB color 175, 255, 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



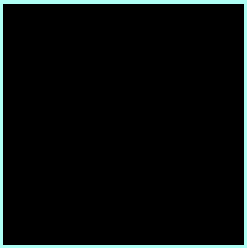
This preview shows how the RGB color 175, 255, 245 looks on a black background.

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 175, 255, 245 Background



This preview shows how black text looks on a background with the RGB color 175, 255, 245.

This preview shows how white text looks on a background with the RGB color 175, 255, 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
175, 255, 245

Protanopia
244, 238, 235

Deuteranopia
255, 233, 248

Tritanopia
214, 245, 255

Trichromacy

Original Color
175, 255, 245

Protanomaly
219, 244, 239

Deuteranomaly
226, 241, 247

Tritanomaly
200, 249, 251

Monochromacy

Original Color
175, 255, 245

Achromatopsia
230, 230, 230

Achromatomaly
210, 239, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 255, 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(175, 255, 245) looks like.

```
.text, #text, p{
    color:rgb(175, 255, 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(175, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 245) }
```

Border

The CSS property to change the border of an element to RGB 175, 255, 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(175, 255, 245) }
```

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

```
.border{ border-color:rgb(175, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(175, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 255, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 255, 245); box-shadow:4px 4px 4px 4px rgb(175, 255, 245) }
```

Background

The CSS property to change the background color of an element to RGB 175, 255, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(175, 255, 245) }
```

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

```
.background{ background-color:rgb(175,
255, 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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