Converting Colors

RGB(145, 246, 246)

Have a look what the booklet for RGB(145, 246, 246) contains.

Color

RGB(145, 246, 246)

Conversions

Conversions Part 1

Format	Color
Hex	91F6F6
RGB	145, 246, 246
RGB Percent	57%, 96%, 96%
CMY	0.4314, 0.0353, 0.0353
CMYK	0.41, 0.00, 0.00, 0.04
HSL	180°, 85%, 77%
HSV	180°, 41%, 96%
XYZ	61.2674, 78.5851, 99.1281
YIQ	215.8010, -60.1960, -21.4120

Conversions

Conversions Part 2

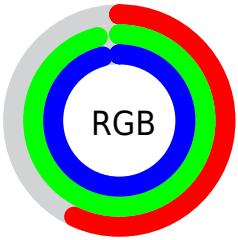
Format	Color
RYB	145, 196, 246
Decimal	9565942
CIELab	91.05, -29.49, -9.28
CIELCh	91, 30.914, 197.463
Yxy	78.5851, 0.2564, 0.3288
Android (android.graphics.Color)	4287756022 (0xFF91F6F6)
YUV	215.8010, 14.8881, -62.0925
Hunter-Lab	88.6482, -31.7679, -4.2454

Details

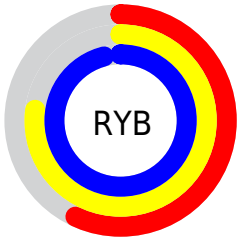
The RGB color 145, 246, 246 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 246, 145, 145, and the grayscale version is 216, 216, 216.

A 20% lighter version of the original color is 203, 255, 255, and 86, 189, 190 is the 20% darker color. If you saturate the color by 10%, you get 120, 246, 246, and if you desaturate by 10%, it is 170, 246, 246.

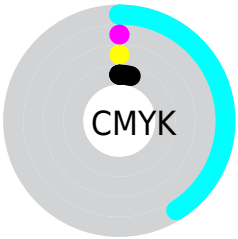
Distribution



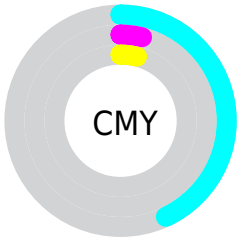
- Red (57%)
- Green (96%)
- Blue (96%)



- Red (57%)
- Yellow (77%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (43%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 246, 246 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 145, 246, 246 by changing the saturation by 10% instead.

145, 246, 246

255, 255, 255

203, 255, 255

233, 255, 255

145, 246, 246

116, 217, 218

86, 189, 190

55, 162, 163

5, 136, 136

0, 110, 111

0, 85, 87

0, 61, 64

0, 39, 42

0, 8, 22

145, 246, 246

120, 246, 246

96, 246, 246

71, 246, 246

47, 246, 246

22, 246, 246

0, 246, 246

145, 246, 246

170, 246, 246

194, 246, 246

219, 246, 246

243, 246, 246

255, 246, 246

Harmonies

Analogous

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

167, 245, 215

145, 246, 246

147, 243, 255

Triad

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

145, 246, 246

255, 216, 255

255, 223, 172

Complementary

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

145, 246, 246

246, 145, 145

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, 214, 187

145, 246, 246

255, 209, 243

Square

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

145, 246, 246

217, 226, 255

255, 208, 213

233, 233, 173

Rectangle

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

145, 246, 246

165, 239, 255

255, 208, 213

255, 220, 175

Sweetspot

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

145, 246, 246

224, 255, 255

145, 246, 145

110, 128, 128

0, 0, 0

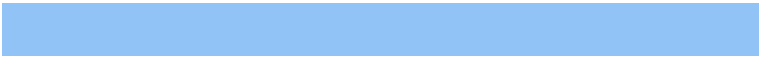
128, 128, 128

Same Dimension

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

145, 246, 246

130, 255, 255



145, 195, 246

110, 122, 122

0, 186, 186

0, 59, 59

Inverse Universe

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

246, 145, 246

255, 130, 255

246, 195, 145

122, 110, 122

186, 0, 186

59, 0, 59

Previews

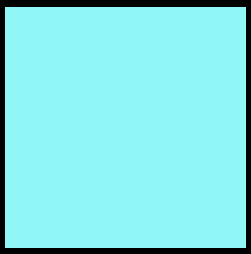
White Background

This preview shows how the RGB color 145, 246, 246 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



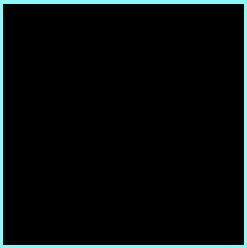
This preview shows how the RGB color 145, 246, 246 looks on a black background.

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 145, 246, 246 Background



This preview shows how black text looks on a background with the RGB color 145, 246, 246.

This preview shows how white text looks on a background with the RGB color 145, 246, 246.

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
145, 246, 246

Protanopia
230, 227, 234

Deuteranopia
240, 222, 251

Tritanopia
173, 240, 255

Trichromacy

Original Color
145, 246, 246

Protanomaly
199, 234, 238

Deuteranomaly
205, 231, 249

Tritanomaly
163, 242, 252

Monochromacy

Original Color
145, 246, 246

Achromatopsia
216, 216, 216

Achromatomaly
190, 227, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 246, 246 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(145, 246, 246) looks like.

```
.text, #text, p{
    color:rgb(145, 246, 246)
}
```

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(145, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 246, 246) }
```

Border

The CSS property to change the border of an element to RGB 145, 246, 246 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(145, 246, 246) }
```

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

```
.border{ border-color:rgb(145, 246, 246) }
```

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

Here you see how a box with a 4 pixel rgb(145, 246, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 246, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 246, 246); box-shadow:4px 4px 4px 4px rgb(145, 246, 246) }
```

Background

The CSS property to change the background color of an element to RGB 145, 246, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(145, 246, 246) }
```

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

```
.background{ background-color:rgb(145,
246, 246) }
```

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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