Converting Colors

RGB(145, 229, 210)

Have a look what the booklet for RGB(145, 229, 210) contains.

Color

RGB(145, 229, 210)

Conversions

Conversions Part 1

Format	Color
Hex	91E5D2
RGB	145, 229, 210
RGB Percent	57%, 90%, 82%
CMY	0.4314, 0.1020, 0.1765
CMYK	0.37, 0.00, 0.08, 0.10
HSL	166°, 62%, 73%
HSV	166°, 37%, 90%
XYZ	51.3292, 66.7115, 71.1440
YIQ	201.7180, -43.9650, -23.7170

Conversions

Conversions Part 2

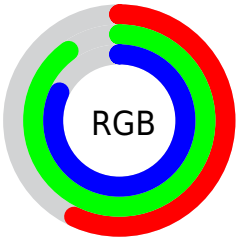
Format	Color
RYB	145, 192, 229
Decimal	9561554
CIELab	85.36, -29.72, 1.21
CIELCh	85, 29.740, 177.676
Yxy	66.7115, 0.2713, 0.3526
Android (android.graphics.Color)	4287751634 (0xFF91E5D2)
YUV	201.7180, 4.0830, -49.7417
Hunter-Lab	81.6771, -30.7583, 5.5300

Details

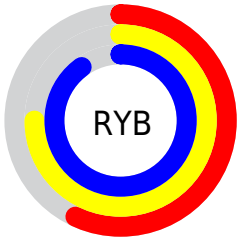
The RGB color 145, 229, 210 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 229, 145, 164, and the grayscale version is 202, 202, 202.

A 20% lighter version of the original color is 202, 255, 255, and 90, 173, 156 is the 20% darker color. If you saturate the color by 10%, you get 122, 229, 205, and if you desaturate by 10%, it is 168, 229, 215.

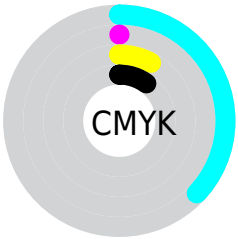
Distribution



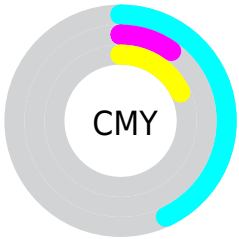
- Red (57%)
- Green (90%)
- Blue (82%)



- Red (57%)
- Yellow (75%)
- Blue (90%)



- Cyan (37%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (43%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 229, 210 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, 229, 210 by changing the saturation by 10% instead.

145, 229, 210

255, 255, 255

202, 255, 255

231, 255, 255

145, 229, 210

117, 201, 182

90, 173, 156

62, 146, 130

31, 120, 105

0, 95, 80

0, 71, 58

0, 48, 36

0, 28, 15

0, 0, 0

145, 229, 210	145, 229, 210
122, 229, 205	168, 229, 215
99, 229, 200	191, 229, 220
76, 229, 194	214, 229, 226
53, 229, 189	237, 229, 231
30, 229, 184	255, 229, 236
8, 229, 179	255, 229, 241
0, 229, 177	255, 229, 246
	255, 229, 251
	255, 229, 255

Harmonies

Analogous

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

174, 226, 182

145, 229, 210

130, 228, 238

Triad

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

145, 229, 210

215, 207, 255

255, 201, 167

Complementary

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

145, 229, 210

229, 145, 164

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, 195, 188

145, 229, 210

247, 198, 244

Square

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

145, 229, 210

176, 217, 255

255, 193, 217

236, 211, 157

Rectangle

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

145, 229, 210

135, 226, 254

255, 193, 217

255, 199, 173

Sweetspot

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

145, 229, 210

227, 255, 249

165, 229, 145

111, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

145, 229, 210

143, 255, 230

145, 207, 229

103, 115, 112

0, 179, 138

0, 51, 39

Inverse Universe

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

229, 145, 164

255, 143, 168

229, 167, 145

115, 103, 106

179, 0, 40

51, 0, 12

Previews

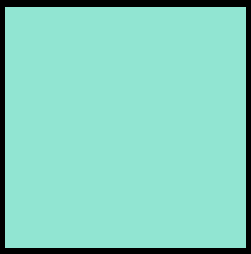
White Background

This preview shows how the RGB color 145, 229, 210 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



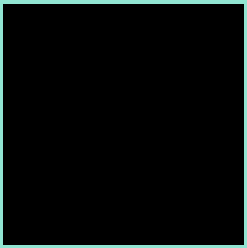
This preview shows how the RGB color 145, 229, 210 looks on a black background.

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, 229, 210 Background



This preview shows how black text looks on a background with the RGB color 145, 229, 210.

This preview shows how white text looks on a background with the RGB color 145, 229, 210.

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, 229, 210

Protanopia
219, 211, 200

Deuteranopia
231, 206, 215

Tritanopia
153, 224, 242

Trichromacy

Original Color
145, 229, 210

Protanomaly
192, 218, 204

Deuteranomaly
200, 214, 213

Tritanomaly
150, 226, 230

Monochromacy

Original Color
145, 229, 210

Achromatopsia
202, 202, 202

Achromatomaly
181, 212, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 229, 210 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, 229, 210) looks like.

```
.text, #text, p{
    color:rgb(145, 229, 210)
}
```

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, 229, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 229, 210) }
```

Border

The CSS property to change the border of an element to RGB 145, 229, 210 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, 229, 210) }
```

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

```
.border{ border-color:rgb(145, 229, 210) }
```

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

Here you see how a box with a 4 pixel rgb(145, 229, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 229, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 229, 210); box-shadow:4px 4px 4px 4px rgb(145, 229, 210) }
```

Background

The CSS property to change the background color of an element to RGB 145, 229, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(145, 229, 210) }
```

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

```
.background{ background-color:rgb(145,
229, 210) }
```

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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