Converting Colors

RGB(165, 255, 229)

Have a look what the booklet for RGB(165, 255, 229) contains.

Color

RGB(165, 255, 229)

Conversions

Conversions Part 1

Format	Color
Hex	A5FFE5
RGB	165, 255, 229
RGB Percent	65%, 100%, 90%
CMY	0.3529, 0.0000, 0.1020
CMYK	0.35, 0.00, 0.10, 0.00
HSL	163°, 100%, 82%
HSV	163°, 35%, 100%
XYZ	65.4199, 85.1765, 87.1215
YIQ	225.1260, -45.2940, -27.1660

Conversions

Conversions Part 2

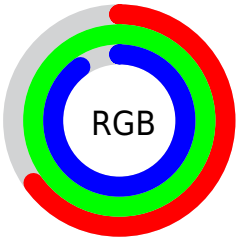
Format	Color
RYB	165, 218, 255
Decimal	10878949
CIELab	93.96, -32.50, 3.91
CIELCh	94, 32.734, 173.139
Yxy	85.1765, 0.2752, 0.3583
Android (android.graphics.Color)	4289069029 (0xFFA5FFE5)
YUV	225.1260, 1.9099, -52.7305
Hunter-Lab	92.2911, -34.9809, 8.6349

Details

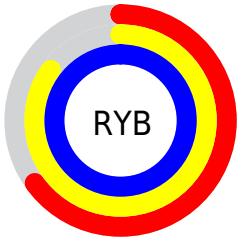
The RGB color 165, 255, 229 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 255, 165, 191, and the grayscale version is 225, 225, 225.

A 20% lighter version of the original color is 223, 255, 255, and 109, 198, 174 is the 20% darker color. If you saturate the color by 10%, you get 140, 255, 222, and if you desaturate by 10%, it is 191, 255, 236.

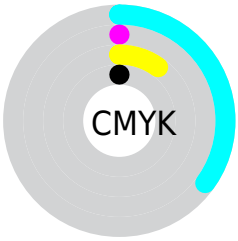
Distribution



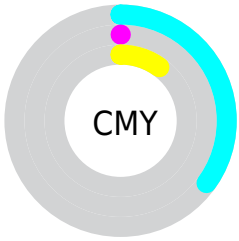
- Red (65%)
- Green (100%)
- Blue (90%)



- Red (65%)
- Yellow (85%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 255, 229 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 165, 255, 229 by changing the saturation by 10% instead.

165, 255, 229	165, 255, 229
255, 255, 255	137, 226, 201
223, 255, 255	109, 198, 174
252, 255, 255	81, 170, 147
	52, 144, 121
	16, 118, 97
	0, 92, 73
	0, 68, 50
	0, 45, 29
	0, 23, 4

165, 255, 229	165, 255, 229
140, 255, 222	191, 255, 236
114, 255, 214	216, 255, 244
89, 255, 207	242, 255, 251
63, 255, 200	255, 255, 255
38, 255, 192	
12, 255, 185	
0, 255, 181	

Harmonies

Analogous

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

199, 251, 199

165, 255, 229

145, 255, 255

Triad

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

165, 255, 229

233, 232, 255

255, 223, 188

Complementary

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

165, 255, 229

255, 165, 191

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, 216, 214

165, 255, 229

255, 222, 255

Square

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

165, 255, 229

189, 243, 255

255, 215, 246

255, 233, 175

Rectangle

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

165, 255, 229

147, 253, 255

255, 215, 246

255, 220, 196

Sweetspot

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

165, 255, 229

227, 255, 247

192, 255, 165

111, 128, 123

0, 0, 0

128, 128, 128

Same Dimension

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

165, 255, 229

148, 255, 224

165, 237, 255

115, 128, 124

0, 191, 136

0, 64, 45

Inverse Universe

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

255, 165, 191

255, 148, 179

255, 183, 165

128, 115, 118

191, 0, 55

64, 0, 18

Previews

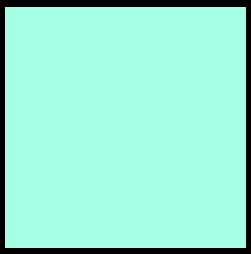
White Background

This preview shows how the RGB color 165, 255, 229 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



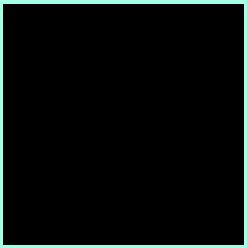
This preview shows how the RGB color 165, 255, 229 looks on a black background.

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 165, 255, 229 Background



This preview shows how black text looks on a background with the RGB color 165, 255, 229.

This preview shows how white text looks on a background with the RGB color 165, 255, 229.

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
165, 255, 229

Protanopia
245, 236, 218

Deuteranopia
255, 231, 235

Tritanopia
205, 244, 255

Trichromacy

Original Color
165, 255, 229

Protanomaly
216, 243, 222

Deuteranomaly
222, 240, 233

Tritanomaly
190, 248, 246

Monochromacy

Original Color
165, 255, 229

Achromatopsia
225, 225, 225

Achromatomaly
203, 236, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 255, 229 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(165, 255, 229) looks like.

```
.text, #text, p{
    color:rgb(165, 255, 229)
}
```

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(165, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 229) }
```

Border

The CSS property to change the border of an element to RGB 165, 255, 229 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(165, 255, 229) }
```

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

```
.border{ border-color:rgb(165, 255, 229) }
```

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

Here you see how a box with a 4 pixel rgb(165, 255, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 255, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 255, 229); box-shadow:4px 4px 4px 4px rgb(165, 255, 229) }
```

Background

The CSS property to change the background color of an element to RGB 165, 255, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(165, 255, 229) }
```

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

```
.background{ background-color:rgb(165,
255, 229) }
```

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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