Converting Colors

RGB(216, 245, 248)

Have a look what the booklet for RGB(216, 245, 248) contains.

Color

RGB(216, 245, 248)

Conversions

Conversions Part 1

Format	Color
Hex	D8F5F8
RGB	216, 245, 248
RGB Percent	85%, 96%, 97%
CMY	0.1529, 0.0392, 0.0275
CMYK	0.13, 0.01, 0.00, 0.03
HSL	186°, 70%, 91%
HSV	186°, 13%, 97%
XYZ	77.9146, 86.6811, 101.4315
YIQ	236.6710, -18.2470, -5.2150

Conversions

Conversions Part 2

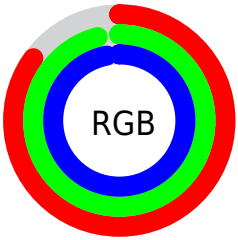
Format	Color
RYB	216, 231, 248
Decimal	14218744
CIELab	94.60, -8.79, -4.63
CIELCh	95, 9.936, 207.805
Yxy	86.6811, 0.2929, 0.3258
Android (android.graphics.Color)	4292408824 (0xFFD8F5F8)
YUV	236.6710, 5.5852, -18.1285
Hunter-Lab	93.1027, -13.5488, 0.5778

Details

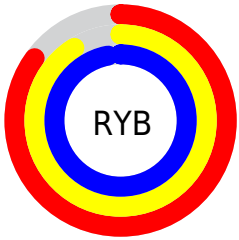
The RGB color 216, 245, 248 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 248, 219, 216, and the grayscale version is 237, 237, 237.

A 20% lighter version of the original color is 255, 255, 255, and 161, 189, 192 is the 20% darker color. If you saturate the color by 10%, you get 191, 243, 248, and if you desaturate by 10%, it is 241, 247, 248.

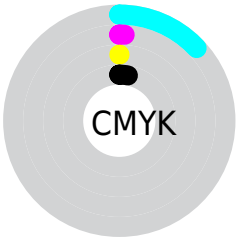
Distribution



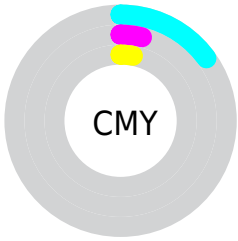
- Red (85%)
- Green (96%)
- Blue (97%)



- Red (85%)
- Yellow (91%)
- Blue (97%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 245, 248 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 216, 245, 248 by changing the saturation by 10% instead.

216, 245, 248	216, 245, 248
255, 255, 255	188, 217, 219
	161, 189, 192
	134, 162, 165
	109, 135, 138
	84, 110, 113
	60, 86, 88
	38, 63, 65
	15, 41, 43
	0, 21, 23

216, 245, 248	216, 245, 248
191, 243, 248	241, 247, 248
166, 240, 248	255, 250, 248
142, 238, 248	255, 252, 248
117, 236, 248	255, 254, 248
92, 233, 248	255, 255, 248
67, 231, 248	
42, 229, 248	
18, 226, 248	
0, 225, 248	

Harmonies

Analogous

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

219, 245, 238

216, 245, 248

220, 243, 255

Triad

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

216, 245, 248

252, 235, 250

248, 239, 220

Complementary

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

216, 245, 248

248, 219, 216

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, 236, 224

216, 245, 248

255, 233, 241

Square

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

216, 245, 248

241, 237, 255

255, 234, 231

238, 242, 222

Rectangle

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

216, 245, 248

225, 241, 255

255, 234, 231

252, 237, 221

Sweetspot

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

216, 245, 248

245, 254, 255

216, 248, 219

121, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

216, 245, 248

217, 251, 255

216, 229, 248

112, 124, 125

0, 171, 189

0, 55, 61

Inverse Universe

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

248, 216, 245

255, 217, 251

248, 235, 216

125, 112, 124

189, 0, 171

61, 0, 55

Previews

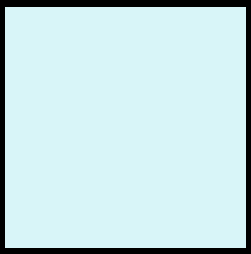
White Background

This preview shows how the RGB color 216, 245, 248 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



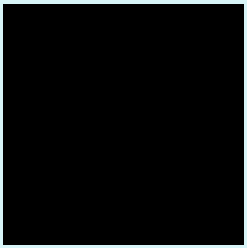
This preview shows how the RGB color 216, 245, 248 looks on a black background.

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 216, 245, 248 Background



This preview shows how black text looks on a background with the RGB color 216, 245, 248.

This preview shows how white text looks on a background with the RGB color 216, 245, 248.

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
216, 245, 248

Protanopia
242, 238, 244

Deuteranopia
255, 233, 249

Tritanopia
225, 242, 255

Trichromacy

Original Color
216, 245, 248

Protanomaly
233, 241, 245

Deuteranomaly
241, 237, 249

Tritanomaly
222, 243, 252

Monochromacy

Original Color
216, 245, 248

Achromatopsia
237, 237, 237

Achromatomaly
229, 240, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 245, 248 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(216, 245, 248) looks like.

```
.text, #text, p{
    color:rgb(216, 245, 248)
}
```

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(216, 245, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 245, 248) }
```

Border

The CSS property to change the border of an element to RGB 216, 245, 248 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(216, 245, 248) }
```

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

```
.border{ border-color:rgb(216, 245, 248) }
```

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

Here you see how a box with a 4 pixel rgb(216, 245, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 245, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 245, 248); box-shadow:4px 4px 4px 4px rgb(216, 245, 248) }
```

Background

The CSS property to change the background color of an element to RGB 216, 245, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(216, 245, 248) }
```

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

```
.background{ background-color:rgb(216,
245, 248) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor