Converting Colors

RGB(216, 225, 236)

Have a look what the booklet for RGB(216, 225, 236) contains.

Color

RGB(216, 225, 236)

Conversions

Format	Color
Hex	D8E1EC
RGB	216, 225, 236
RGB Percent	85%, 88%, 93%
CMY	0.1529, 0.1176, 0.0745
CMYK	0.08, 0.05, 0.00, 0.07
HSL	213°, 34%, 89%
HSV	213°, 8%, 93%
XYZ	70.3844, 74.5055, 90.0282
YIQ	223.5630, -8.8950, 1.5130

Conversions Part 1

Conversions

Conversions Part 2

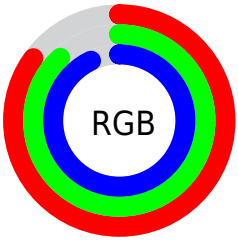
Format	Color
RYB	216, 222, 236
Decimal	14213612
CIELab	89.16, -0.92, -6.40
CIELCh	89, 6.471, 261.817
Yxy	74.5055, 0.2996, 0.3172
Android (android.graphics.Color)	4292403692 (0xFFD8E1EC)
YUV	223.5630, 6.1314, -6.6328
Hunter-Lab	86.3166, -5.5011, -1.4179

Details

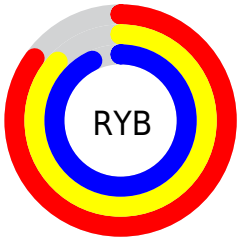
The RGB color 216, 225, 236 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 236, 227, 216, and the grayscale version is 224, 224, 224.

A 20% lighter version of the original color is 255, 255, 255, and 161, 170, 180 is the 20% darker color. If you saturate the color by 10%, you get 192, 212, 236, and if you desaturate by 10%, it is 240, 238, 236.

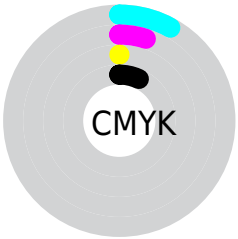
Distribution



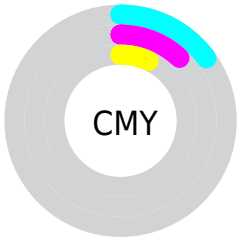
- Red (85%)
- Green (88%)
- Blue (93%)



- Red (85%)
- Yellow (87%)
- Blue (93%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 225, 236 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, 225, 236 by changing the saturation by 10% instead.

216, 225, 236	216, 225, 236
255, 255, 255	188, 197, 208
	161, 170, 180
	135, 143, 153
	110, 118, 128
	85, 93, 102
	62, 70, 78
	40, 47, 56
	19, 27, 34
	0, 0, 12

216, 225, 236

192, 212, 236

169, 199, 236

145, 186, 236

122, 173, 236

98, 160, 236

74, 147, 236

51, 134, 236

27, 121, 236

4, 108, 236

216, 225, 236

240, 238, 236

255, 251, 236

255, 255, 236

Harmonies

Analogous

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

211, 227, 233

216, 225, 236

223, 223, 235

Triad

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

216, 225, 236

238, 220, 220

217, 227, 216

Complementary

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

216, 225, 236

236, 227, 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.

224, 225, 212

216, 225, 236

236, 221, 214

Square

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

216, 225, 236

236, 220, 226

231, 223, 212

212, 228, 222

Rectangle

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

216, 225, 236

228, 222, 233

231, 223, 212

219, 226, 215

Sweetspot

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

216, 225, 236

247, 251, 255

216, 236, 227

122, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

216, 225, 236

230, 241, 255

217, 216, 236

106, 111, 117

0, 81, 181

0, 24, 54

Inverse Universe

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

236, 216, 225

255, 230, 241

235, 236, 216

117, 106, 111

181, 0, 81

54, 0, 24

Previews

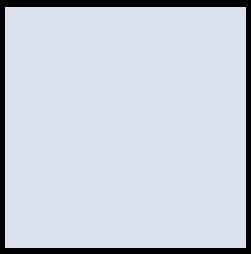
White Background

This preview shows how the RGB color 216, 225, 236 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



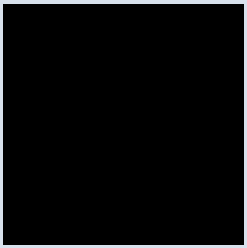
This preview shows how the RGB color 216, 225, 236 looks on a black background.

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, 225, 236 Background



This preview shows how black text looks on a background with the RGB color 216, 225, 236.

This preview shows how white text looks on a background with the RGB color 216, 225, 236.

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, 225, 236

Protanopia
225, 222, 234

Deuteranopia
239, 217, 238

Tritanopia
217, 224, 242

Trichromacy

Original Color
216, 225, 236

Protanomaly
222, 223, 235

Deuteranomaly
231, 220, 237

Tritanomaly
217, 224, 240

Monochromacy

Original Color
216, 225, 236

Achromatopsia
224, 224, 224

Achromatomaly
221, 224, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 225, 236 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, 225, 236) looks like.

```
.text, #text, p{
    color:rgb(216, 225, 236)
}
```

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, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 225, 236) }
```

Border

The CSS property to change the border of an element to RGB 216, 225, 236 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, 225, 236) }
```

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

```
.border{ border-color:rgb(216, 225, 236) }
```

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

Here you see how a box with a 4 pixel rgb(216, 225, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 225, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 225, 236); box-shadow:4px 4px 4px 4px rgb(216, 225, 236) }
```

Background

The CSS property to change the background color of an element to RGB 216, 225, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(216, 225, 236) }
```

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

```
.background{ background-color:rgb(216,
225, 236) }
```

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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