Converting Colors

RGB(219, 233, 236)

Have a look what the booklet for RGB(219, 233, 236) contains.

Color

RGB(219, 233, 236)

Conversions

Conversions Part 1

Format	Color
Hex	DBE9EC
RGB	219, 233, 236
RGB Percent	86%, 91%, 93%
CMY	0.1412, 0.0863, 0.0745
CMYK	0.07, 0.01, 0.00, 0.07
HSL	191°, 31%, 89%
HSV	191°, 7%, 93%
XYZ	73.4927, 79.3940, 90.8080
YIQ	229.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

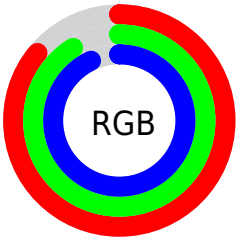
Format	Color
RYB	219, 227, 236
Decimal	14412268
CIELab	91.41, -4.06, -3.06
CIELCh	91, 5.088, 217.021
Yxy	79.3940, 0.3016, 0.3258
Android (android.graphics.Color)	4292602348 (0xFFDBE9EC)
YUV	229.1560, 3.3741, -8.9068
Hunter-Lab	89.1033, -8.7036, 1.9480

Details

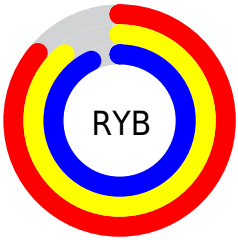
The RGB color 219, 233, 236 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 236, 222, 219, and the grayscale version is 229, 229, 229.

A 20% lighter version of the original color is 255, 255, 255, and 164, 177, 180 is the 20% darker color. If you saturate the color by 10%, you get 195, 229, 236, and if you desaturate by 10%, it is 243, 237, 236.

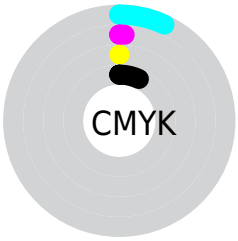
Distribution



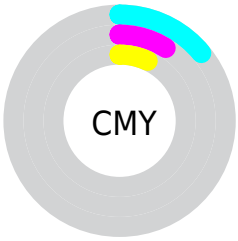
- Red (86%)
- Green (91%)
- Blue (93%)



- Red (86%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 233, 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 219, 233, 236 by changing the saturation by 10% instead.

219, 233, 236

255, 255, 255

219, 233, 236

191, 205, 208

164, 177, 180

138, 151, 153

112, 125, 128

88, 100, 103

64, 76, 79

42, 53, 56

21, 32, 34

0, 9, 12

219, 233, 236

195, 229, 236

172, 225, 236

148, 221, 236

125, 216, 236

101, 212, 236

77, 208, 236

54, 204, 236

30, 200, 236

7, 196, 236

219, 233, 236

243, 237, 236

255, 241, 236

255, 245, 236

255, 250, 236

255, 254, 236

255, 255, 236

Harmonies

Analogous

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

219, 233, 231

219, 233, 236

222, 232, 239

Triad

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

219, 233, 236

238, 228, 234

233, 230, 221

Complementary

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

219, 233, 236

236, 222, 219

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.

238, 229, 222

219, 233, 236

241, 227, 229

Square

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

219, 233, 236

233, 229, 238

241, 228, 225

228, 232, 222

Rectangle

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

219, 233, 236

225, 231, 240

241, 228, 225

235, 230, 221

Sweetspot

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

219, 233, 236

250, 254, 255

219, 236, 222

125, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

219, 233, 236

232, 251, 255

219, 225, 236

106, 115, 117

0, 149, 181

0, 44, 54

Inverse Universe

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

236, 219, 233

255, 232, 251

236, 230, 219

117, 106, 115

181, 0, 149

54, 0, 44

Previews

White Background

This preview shows how the RGB color 219, 233, 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 219, 233, 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 219, 233, 236 Background

This preview shows how black text looks on a background with the RGB color 219, 233, 236.

This preview shows how white text looks on a background with the RGB color 219, 233, 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
219, 233, 236

Protanopia
233, 229, 234

Deuteranopia
249, 223, 238

Tritanopia
221, 231, 249

Trichromacy

Original Color
219, 233, 236

Protanomaly
228, 230, 235

Deuteranomaly
238, 227, 237

Tritanomaly
220, 232, 244

Monochromacy

Original Color
219, 233, 236

Achromatopsia
229, 229, 229

Achromatomaly
225, 230, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 233, 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(219, 233, 236) looks like.

```
.text, #text, p{
    color:rgb(219, 233, 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(219, 233, 236) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(219, 233, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 233, 236) }
```

Border

The CSS property to change the border of an element to RGB 219, 233, 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(219, 233, 236) }
```

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

```
.border{ border-color:rgb(219, 233, 236) }
```

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

Here you see how a box with a 4 pixel rgb(219, 233, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 233, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 233, 236); box-shadow:4px 4px 4px 4px rgb(219, 233, 236) }
```

Background

The CSS property to change the background color of an element to RGB 219, 233, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(219, 233, 236) }
```

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

```
.background{ background-color:rgb(219, 233, 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.

Follow me on Twitter!

@ConvertingColor