Converting Colors

RGB(219, 226, 223)

Have a look what the booklet for RGB(219, 226, 223) contains.

Color

RGB(219, 226, 223)

Conversions

Format	Color
Hex	DBE2DF
RGB	219, 226, 223
RGB Percent	86%, 89%, 87%
CMY	0.1412, 0.1137, 0.1255
CMYK	0.03, 0.00, 0.01, 0.11
HSL	154°, 11%, 87%
HSV	154°, 3%, 89%
XYZ	69.7291, 74.7805, 80.5710
YIQ	223.5650, -3.2090, -2.4170

Conversions Part 1

Conversions

Conversions Part 2

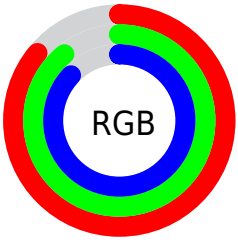
Format	Color
RYB	219, 223, 226
Decimal	14410463
CIELab	89.29, -2.89, 0.64
CIELCh	89, 2.956, 167.582
Yxy	74.7805, 0.3098, 0.3322
Android (android.graphics.Color)	4292600543 (0xFFDBE2DF)
YUV	223.5650, -0.2785, -4.0035
Hunter-Lab	86.4757, -7.4003, 5.2914

Details

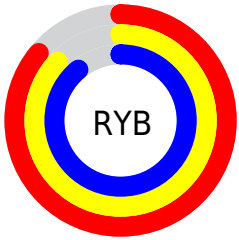
The RGB color 219, 226, 223 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 226, 219, 222, and the grayscale version is 224, 224, 224.

A 20% lighter version of the original color is 255, 255, 255, and 164, 171, 168 is the 20% darker color. If you saturate the color by 10%, you get 196, 226, 213, and if you desaturate by 10%, it is 242, 226, 233.

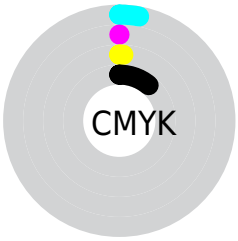
Distribution



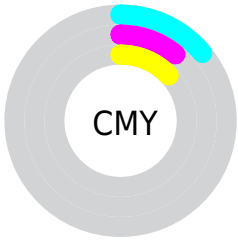
- Red (86%)
- Green (89%)
- Blue (87%)



- Red (86%)
- Yellow (87%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 226, 223 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, 226, 223 by changing the saturation by 10% instead.

219, 226, 223	219, 226, 223
255, 255, 255	191, 198, 195
	164, 171, 168
	138, 144, 141
	112, 119, 116
	88, 94, 91
	65, 70, 68
	43, 48, 46
	22, 27, 25
	0, 0, 0

219, 226, 223

196, 226, 213

174, 226, 204

151, 226, 194

129, 226, 184

106, 226, 175

83, 226, 165

61, 226, 155

38, 226, 146

16, 226, 136

219, 226, 223

242, 226, 233

255, 226, 242

255, 226, 252

255, 226, 255

Harmonies

Analogous

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

222, 225, 220

219, 226, 223

218, 226, 226

Triad

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

219, 226, 223

224, 224, 230

230, 223, 220

Complementary

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

219, 226, 223

226, 219, 222

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.

231, 223, 223

219, 226, 223

227, 223, 228

Square

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

219, 226, 223

220, 225, 230

230, 223, 226

228, 224, 219

Rectangle

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

219, 226, 223

218, 226, 228

230, 223, 226

231, 223, 221

Sweetspot

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

219, 226, 223

252, 255, 254

222, 226, 219

126, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

219, 226, 223

245, 255, 251

219, 226, 226

107, 112, 110

0, 176, 101

0, 48, 28

Inverse Universe

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

226, 219, 222

255, 245, 249

226, 219, 219

112, 107, 109

176, 0, 75

48, 0, 21

Previews

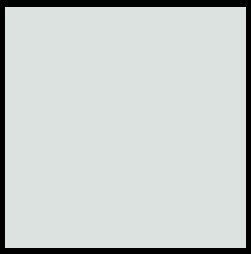
White Background

This preview shows how the RGB color 219, 226, 223 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



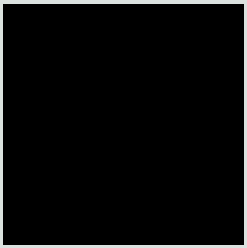
This preview shows how the RGB color 219, 226, 223 looks on a black background.

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, 226, 223 Background



This preview shows how black text looks on a background with the RGB color 219, 226, 223.

This preview shows how white text looks on a background with the RGB color 219, 226, 223.

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, 226, 223

Protanopia
229, 223, 221

Deuteranopia
245, 217, 225

Tritanopia
222, 223, 241

Trichromacy

Original Color
219, 226, 223

Protanomaly
225, 224, 222

Deuteranomaly
236, 220, 224

Tritanomaly
221, 224, 234

Monochromacy

Original Color
219, 226, 223

Achromatopsia
224, 224, 224

Achromatomaly
222, 225, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 226, 223 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, 226, 223) looks like.

```
.text, #text, p{
    color:rgb(219, 226, 223)
}
```

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, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 226, 223) }
```

Border

The CSS property to change the border of an element to RGB 219, 226, 223 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, 226, 223) }
```

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

```
.border{ border-color:rgb(219, 226, 223) }
```

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

Here you see how a box with a 4 pixel rgb(219, 226, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 226, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 226, 223); box-shadow:4px 4px 4px 4px rgb(219, 226, 223) }
```

Background

The CSS property to change the background color of an element to RGB 219, 226, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(219, 226, 223) }
```

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

```
.background{ background-color:rgb(219,
226, 223) }
```

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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