Converting Colors

RGB(226, 228, 227)

Have a look what the booklet for RGB(226, 228, 227) contains.

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Color

RGB(226, 228, 227)

Conversions

Format	Color
Hex	E2E4E3
RGB	226, 228, 227
RGB Percent	89%, 89%, 89%
CMY	0.1137, 0.1059, 0.1098
CMYK	0.01, 0.00, 0.00, 0.11
HSL	150°, 4%, 89%
HSV	150°, 1%, 89%
XYZ	72.9726, 77.2016, 83.7284
YIQ	227.2880, -0.8710, -0.7350

Conversions Part 1

Conversions

Conversions Part 2

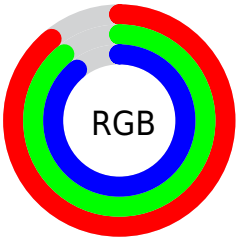
Format	Color
RYB	226, 227, 228
Decimal	14869731
CIELab	90.41, -0.85, 0.24
CIELCh	90, 0.880, 164.088
Yxy	77.2016, 0.3120, 0.3301
Android (android.graphics.Color)	4293059811 (0xFFE2E4E3)
YUV	227.2880, -0.1420, -1.1296
Hunter-Lab	87.8644, -5.5162, 5.0061

Details

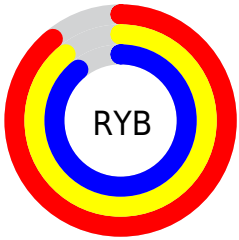
The RGB color 226, 228, 227 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 228, 226, 227, and the grayscale version is 227, 227, 227.

A 20% lighter version of the original color is 255, 255, 255, and 171, 173, 172 is the 20% darker color. If you saturate the color by 10%, you get 203, 228, 216, and if you desaturate by 10%, it is 249, 228, 238.

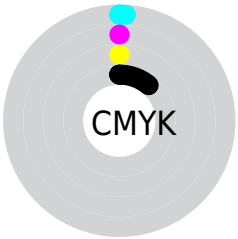
Distribution



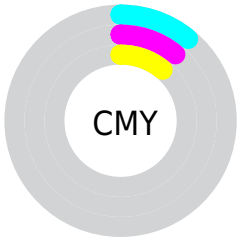
- Red (89%)
- Green (89%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 228, 227 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 226, 228, 227 by changing the saturation by 10% instead.

226, 228, 227

255, 255, 255

226, 228, 227

198, 200, 199

171, 173, 172

144, 146, 145

119, 120, 120

94, 96, 95

70, 72, 71

48, 50, 49

27, 29, 28

0, 2, 1

226, 228, 227

203, 228, 216

180, 228, 204

158, 228, 193

135, 228, 181

112, 228, 170

89, 228, 159

66, 228, 147

44, 228, 136

21, 228, 124

226, 228, 227

249, 228, 238

255, 228, 250

255, 228, 255

Harmonies

Analogous

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

227, 228, 226

226, 228, 227

226, 228, 228

Triad

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

226, 228, 227

227, 227, 229

229, 227, 226

Complementary

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

226, 228, 227

228, 226, 227

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.

229, 227, 227

226, 228, 227

228, 227, 229

Square

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

226, 228, 227

226, 228, 229

229, 227, 228

229, 227, 226

Rectangle

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

226, 228, 227

226, 228, 228

229, 227, 228

229, 227, 227

Sweetspot

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

226, 228, 227

255, 255, 255

227, 228, 226

128, 128, 128

0, 0, 0

Same Dimension

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

226, 228, 227

252, 255, 254

226, 228, 228

114, 115, 114

0, 179, 89

0, 51, 25

Inverse Universe

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

228, 226, 227

255, 252, 254

228, 226, 226

115, 114, 114

179, 0, 89

51, 0, 26

Previews

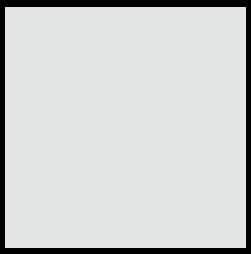
White Background

This preview shows how the RGB color 226, 228, 227 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



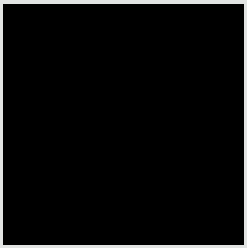
This preview shows how the RGB color 226, 228, 227 looks on a black background.

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 226, 228, 227 Background



This preview shows how black text looks on a background with the RGB color 226, 228, 227.

This preview shows how white text looks on a background with the RGB color 226, 228, 227.

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
226, 228, 227

Protanopia
232, 226, 226

Deuteranopia
249, 220, 229

Tritanopia
229, 225, 243

Trichromacy

Original Color
226, 228, 227

Protanomaly
230, 227, 226

Deuteranomaly
241, 223, 228

Tritanomaly
228, 226, 237

Monochromacy

Original Color
226, 228, 227

Achromatopsia
227, 227, 227

Achromatomaly
227, 227, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 228, 227 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(226, 228, 227) looks like.

```
.text, #text, p{
    color:rgb(226, 228, 227)
}
```

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(226, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 227) }
```

Border

The CSS property to change the border of an element to RGB 226, 228, 227 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(226, 228, 227) }
```

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

```
.border{ border-color:rgb(226, 228, 227) }
```

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

Here you see how a box with a 4 pixel rgb(226, 228, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 228, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 228, 227); box-shadow:4px 4px 4px 4px rgb(226, 228, 227) }
```

Background

The CSS property to change the background color of an element to RGB 226, 228, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(226, 228, 227) }
```

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

```
.background{ background-color:rgb(226,
228, 227) }
```

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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