

Converting Colors

RGB(216, 227, 227)

Have a look what the booklet for
RGB(216, 227, 227) contains.

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Color

RGB(216, 227, 227)

Conversions

Conversions Part 1

Format	Color
Hex	D8E3E3
RGB	216, 227, 227
RGB Percent	85%, 89%, 89%
CMY	0.1529, 0.1098, 0.1098
CMYK	0.05, 0.00, 0.00, 0.11
HSL	180°, 16%, 87%
HSV	180°, 5%, 89%
XYZ	69.6531, 75.0832, 83.4944
YIQ	223.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

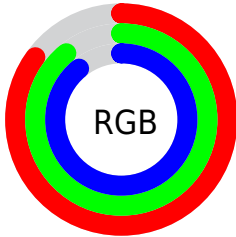
Format	Color
R _Y B	216, 222, 227
Decimal	14214115
CIE Lab	89.43, -3.66, -1.28
CIE LCh	89, 3.880, 199.293
Yxy	75.0832, 0.3052, 0.3290
Android (android.graphics.Color)	4292404195 (0xFFD8E3E3)
YUV	223.7110, 1.6215, -6.7625
Hunter-Lab	86.6505, -8.1531, 3.5249

Details

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

A 20% lighter version of the original color is 255, 255, 255, and **161, 172, 172** is the 20% darker color. If you saturate the color by 10%, you get **193, 227, 227**, and if you desaturate by 10%, it is **239, 227, 227**.

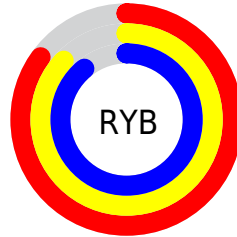
Distribution



Red (85%)

Green (89%)

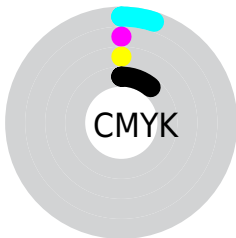
Blue (89%)



Red (85%)

Yellow (87%)

Blue (89%)

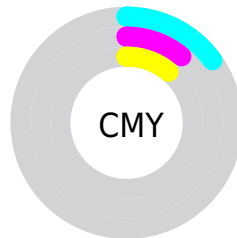


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 227, 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 216, 227, 227 by changing the saturation by 10% instead.

■ 216, 227, 227

255, 255, 255

■ 216, 227, 227

■ 188, 199, 199

■ 161, 172, 172

■ 135, 145, 145

■ 110, 119, 120

■ 85, 95, 95

■ 62, 71, 71

■ 40, 49, 49

■ 20, 28, 28

■ 0, 0, 1

■ 216, 227, 227

■ 216, 227, 227

■ 193, 227, 227

■ 239, 227, 227

■ 171, 227, 227

■ 255, 227, 227

■ 148, 227, 227

■ 125, 227, 227

■ 103, 227, 227

■ 80, 227, 227

■ 57, 227, 227

■ 34, 227, 227

■ 12, 227, 227

Harmonies

Analogous

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



218, 227, 223



216, 227, 227



217, 226, 230

Triad

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



216, 227, 227



228, 223, 230



229, 224, 218

Complementary

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



216, 227, 227



227, 216, 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.



232, 223, 219



216, 227, 227



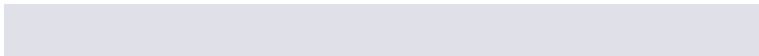
232, 222, 226

Square

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



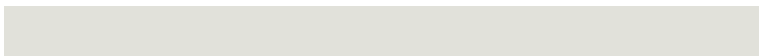
216, 227, 227



224, 224, 232



233, 222, 222



225, 225, 218

Rectangle

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



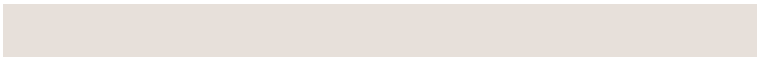
216, 227, 227



219, 226, 232



233, 222, 222



231, 224, 218

Sweetspot

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



216, 227, 227



252, 255, 255



216, 227, 216



126, 128, 128



0, 0, 0



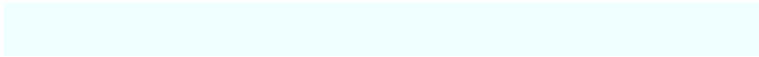
128, 128, 128

Same Dimension

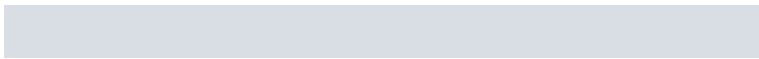
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216, 227, 227



240, 255, 255



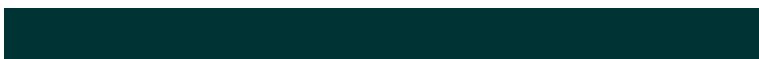
216, 222, 227



107, 115, 115



0, 179, 179



0, 51, 51

Inverse Universe

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



227, 216, 227



255, 240, 255



227, 222, 216



115, 107, 115



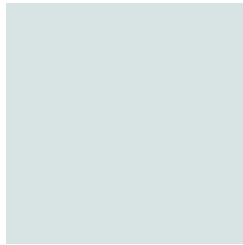
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 216, 227, 227 looks on a white background.

Color Contrast Check

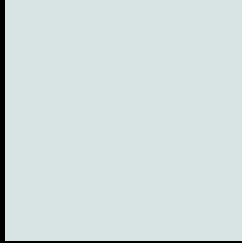
Large Text (above 18pt) WCAG AA × Fail

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 216, 227, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

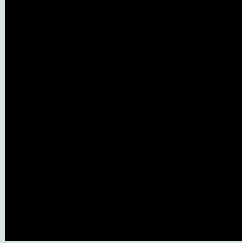
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

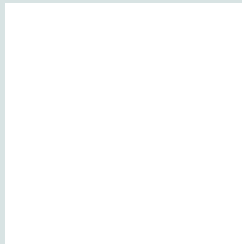
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 216, 227, 227 Background



This preview shows how black text looks on a background with the RGB color 216, 227, 227.



This preview shows how white text looks on a background with the RGB color 216, 227, 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](#).

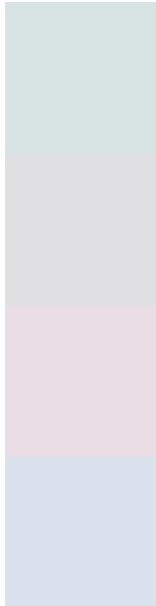
Dichromacy





Tritanopia
219, 225, 242

Trichromacy



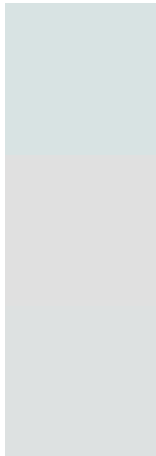
Original Color
216, 227, 227

Protanomaly
224, 224, 226

Deuteranomaly
234, 221, 228

Tritanomaly
218, 226, 237

Monochromacy



Original Color
216, 227, 227

Achromatopsia
224, 224, 224

Achromatomaly
221, 225, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 227, 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(216, 227, 227) looks like.

```
.text, #text, p{  
    color:rgb(216, 227, 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(216, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 227, 227) }
```

Border

The CSS property to change the border of an element to RGB 216, 227, 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(216, 227, 227) }
```

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

```
.border{ border-color:rgb(216, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(216, 227,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 216, 227, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 227, 227) }
```

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

```
.background{ background-color: rgb(216,  
227, 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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