

Converting Colors

RGB(227, 227, 227)

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

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Color

RGB(227, 227, 227)

Conversions

Conversions Part 1

Format	Color
Hex	E3E3E3
RGB	227, 227, 227
RGB Percent	89%, 89%, 89%
CMY	0.1098, 0.1098, 0.1098
CMYK	0.00, 0.00, 0.00, 0.11
HSL	0°, 0%, 89%
HSV	0°, 0%, 89%
XYZ	73.0128, 76.8151, 83.6517
YIQ	227.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
R_{YB}	227, 227, 227
Decimal	14935011
CIE Lab	90.24, 0.00, -0.01
CIE LCh	90, 0.011, 296.813
Yxy	76.8151, 0.3127, 0.3290
Android (android.graphics.Color)	4293125091 (0xFFE3E3E3)
YUV	227.0000, 0.0000, 0.0000
Hunter-Lab	87.6442, -4.6765, 4.7619

Details

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

A 20% lighter version of the original color is `255, 255, 255`, and `172, 172, 172` is the 20% darker color. If you saturate the color by 10%, you get `227, 204, 204`, and if you desaturate by 10%, it is `227, 250, 250`.

Distribution



Red (89%)

Green (89%)

Blue (89%)



Red (89%)

Yellow (89%)

Blue (89%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

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

■ 227, 227, 227

255, 255, 255

■ 227, 227, 227

■ 199, 199, 199

■ 172, 172, 172

■ 145, 145, 145

■ 120, 120, 120

■ 95, 95, 95

■ 71, 71, 71

■ 49, 49, 49

■ 28, 28, 28


■ 1, 1, 1

 227, 227, 227


 227, 227, 227

 227, 204, 204


 227, 250, 250

 227, 182, 182

 227, 255, 255

 227, 159, 159

 227, 136, 136

 227, 114, 114

 227, 91, 91

 227, 68, 68

 227, 45, 45

 227, 23, 23

Harmonies

Sweetspot

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



227, 227, 227

255, 255, 255



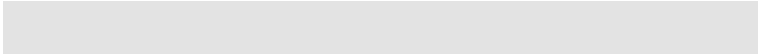
128, 128, 128



0, 0, 0

Same Dimension

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



227, 227, 227

255, 255, 255



115, 115, 115



179, 0, 0



51, 0, 0

Inverse Universe

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



227, 227, 227

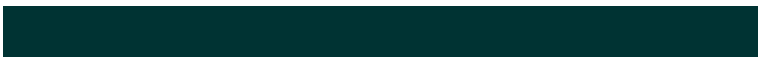
255, 255, 255



115, 115, 115



0, 179, 179



0, 51, 51

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

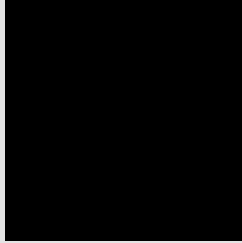
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

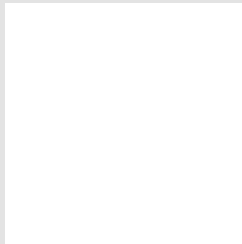
Any Text WCAG AAA ✓ Pass

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

RGB 227, 227, 227 Background



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

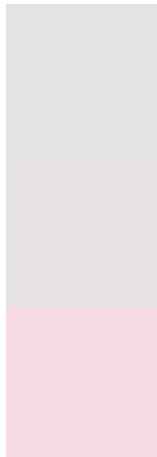


This preview shows how white text looks on a background with the RGB color 227, 227, 227.

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



Original Color
227, 227, 227

Protanopia
231, 226, 226

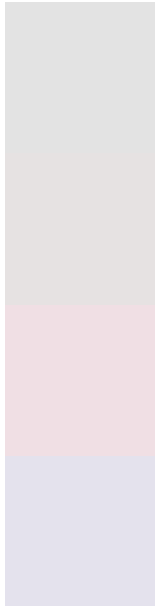
Deuteranopia
248, 220, 228



Tritanopia

229, 225, 242

Trichromacy



Original Color

227, 227, 227

Protanomaly

230, 226, 226

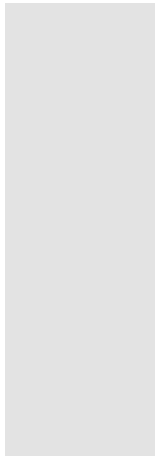
Deuteranomaly

240, 223, 228

Tritanomaly

228, 226, 237

Monochromacy



Original Color

227, 227, 227

Achromatopsia

227, 227, 227

Achromatomaly

227, 227, 227

CSS Examples

Text

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

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

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

Border

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

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

```
.border{ border-color:rgb(227, 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(227, 227, 227)` colored shadow looks like.

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

Background

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

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

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