

Converting Colors

RGB(224, 224, 224)

Have a look what the booklet for
RGB(224, 224, 224) contains.

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Color

RGB(224, 224, 224)

Conversions

Conversions Part 1

Format	Color
Hex	E0E0E0
RGB	224, 224, 224
RGB Percent	88%, 88%, 88%
CMY	0.1216, 0.1216, 0.1216
CMYK	0.00, 0.00, 0.00, 0.12
HSL	0°, 0%, 88%
HSV	0°, 0%, 88%
XYZ	70.8507, 74.5404, 81.1745
YIQ	224.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

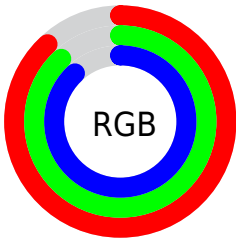
Format	Color
R _Y B	224, 224, 224
Decimal	14737632
CIE Lab	89.18, 0.00, -0.01
CIE LCh	89, 0.011, 296.813
Yxy	74.5404, 0.3127, 0.3290
Android (android.graphics.Color)	4292927712 (0xFFE0E0E0)
YUV	224.0000, 0.0000, 0.0000
Hunter-Lab	86.3368, -4.6067, 4.6908

Details

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

A 20% lighter version of the original color is **255, 255, 255**, and **169, 169, 169** is the 20% darker color. If you saturate the color by 10%, you get **224, 202, 202**, and if you desaturate by 10%, it is **224, 246, 246**.

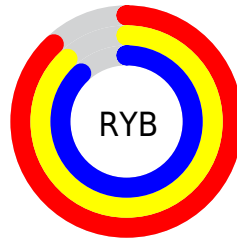
Distribution



Red (88%)

Green (88%)

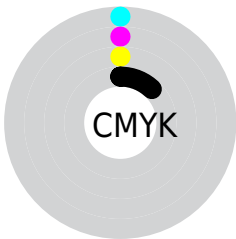
Blue (88%)



Red (88%)

Yellow (88%)

Blue (88%)

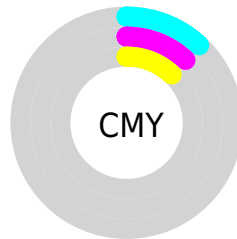


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 224, 224 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 224, 224, 224 by changing the saturation by 10% instead.

 224, 224, 224

255, 255, 255

 224, 224, 224

 196, 196, 196

 169, 169, 169

 142, 142, 142

 117, 117, 117

 92, 92, 92

 69, 69, 69

 47, 47, 47

 26, 26, 26

 0, 0, 0

 224, 224, 224


 224, 224, 224

 224, 202, 202


 224, 246, 246

 224, 179, 179

 224, 255, 255


 224, 157, 157


 224, 134, 134

 224, 112, 112

 224, 90, 90

 224, 67, 67

 224, 45, 45

 224, 22, 22

Harmonies

Sweetspot

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



224, 224, 224

255, 255, 255



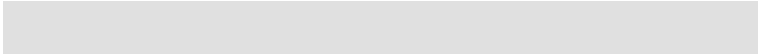
128, 128, 128



0, 0, 0

Same Dimension

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



224, 224, 224

255, 255, 255



112, 112, 112



176, 0, 0



48, 0, 0

Inverse Universe

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



224, 224, 224

255, 255, 255



112, 112, 112



0, 176, 176



0, 48, 48

Previews

White Background



This preview shows how the RGB color 224, 224, 224 looks on a white background.

Color Contrast Check

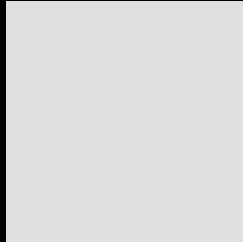
Large Text (above 18pt) WCAG AA × Fail

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 224, 224, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

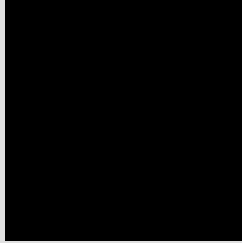
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

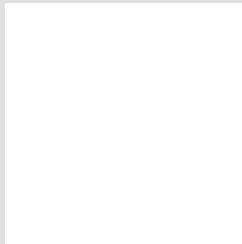
Any Text WCAG AAA ✓ Pass

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

RGB 224, 224, 224 Background



This preview shows how black text looks on a background with the RGB color 224, 224, 224.



This preview shows how white text looks on a background with the RGB color 224, 224, 224.

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

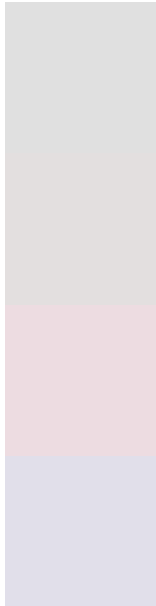
	Original Color 224, 224, 224
	Protanopia 228, 223, 223
	Deuteranopia 245, 217, 225



Tritanopia

226, 222, 239

Trichromacy



Original Color

224, 224, 224

Protanomaly

227, 223, 223

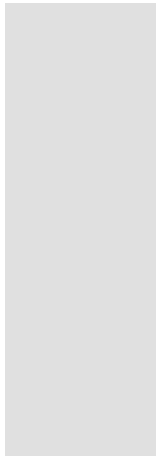
Deuteranomaly

237, 220, 225

Tritanomaly

225, 223, 234

Monochromacy



Original Color

224, 224, 224

Achromatopsia

224, 224, 224

Achromatomaly

224, 224, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 224, 224 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(224, 224, 224) looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 224)  
}
```

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(224, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 224) }
```

Border

The CSS property to change the border of an element to RGB 224, 224, 224 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(224, 224, 224) }
```

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

```
.border{ border-color:rgb(224, 224, 224) }
```

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

Here you see how a box with a 4 pixel rgb(224, 224, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 224, 224, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 224) }
```

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

```
.background{ background-color: rgb(224,  
224, 224) }
```

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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