

Converting Colors

RYB(229, 224, 225)

Have a look what the booklet for RYB(229, 224, 225) contains.

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Color

RYB(229, 224, 225)

Conversions

Conversions Part 1

Format	Color
Hex	E5E0E1
RGB	229, 224, 225
RGB Percent	90%, 88%, 88%
CMY	0.1020, 0.1216, 0.1176
CMYK	0.00, 0.02, 0.02, 0.10
HSL	348°, 9%, 89%
HSV	348°, 2%, 90%
XYZ	72.5594, 75.4056, 81.9646
YIQ	225.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

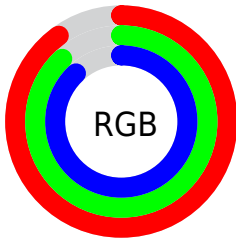
Format	Color
R _Y B	229, 224, 225
Decimal	15065313
CIE Lab	89.58, 1.87, 0.10
CIE LCh	90, 1.876, 3.146
Yxy	75.4056, 0.3156, 0.3280
Android (android.graphics.Color)	4293255393 (0xFFE5E0E1)
YUV	225.6090, -0.3002, 2.9739
Hunter-Lab	86.8364, -2.8114, 4.8218

Details

The RYB color `229, 224, 225` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `224, 227, 229`, and the grayscale version is `226, 226, 226`.

A 20% lighter version of the original color is `255, 255, 255`, and `174, 169, 170` is the 20% darker color. If you saturate the color by 10%, you get `229, 201, 207`, and if you desaturate by 10%, it is `229, 239, 247`.

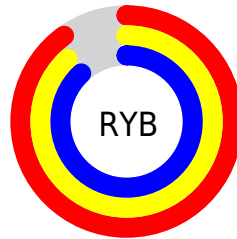
Distribution



Red (90%)

Green (88%)

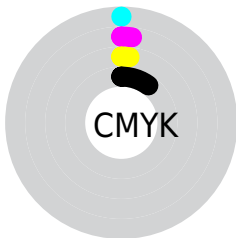
Blue (88%)



Red (90%)

Yellow (88%)

Blue (88%)

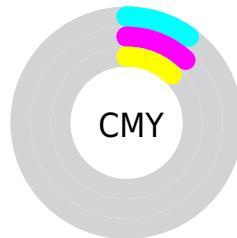


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 224, 225 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 RYB color 229, 224, 225 by changing the saturation by 10% instead.

■ 229, 224, 225

255, 255, 255

■ 229, 224, 225

■ 201, 196, 197

■ 174, 169, 170

■ 147, 142, 143

■ 121, 117, 118

■ 96, 92, 93

■ 73, 69, 70

■ 50, 47, 47

■ 29, 26, 27

■ 0, 0, 0

 229, 224, 225

 229, 224, 225

 229, 201, 207

 229, 239, 247

 229, 178, 188

 229, 242, 255

 229, 155, 170

 229, 132, 152

 229, 110, 133

 229, 87, 115

 229, 64, 97

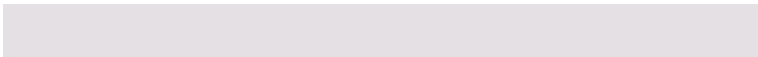
 229, 41, 78

 229, 18, 60

Harmonies

Analogous

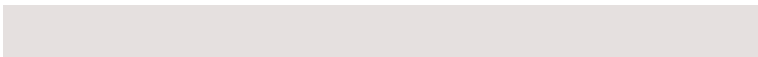
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 224, 227



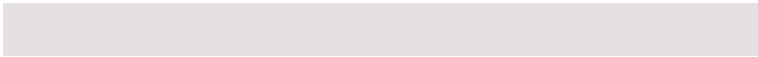
229, 224, 225



229, 224, 223

Triad

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



229, 224, 225



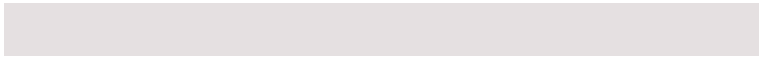
222, 226, 224



222, 224, 228

Complementary

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



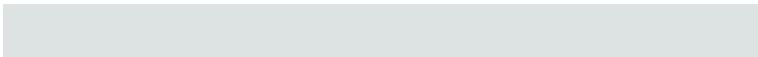
229, 224, 225



224, 227, 229

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.



221, 224, 227



229, 224, 225



223, 226, 226

Square

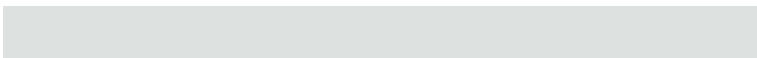
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



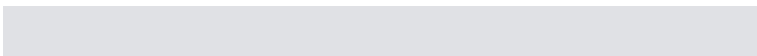
229, 224, 225



225, 227, 222



221, 224, 226



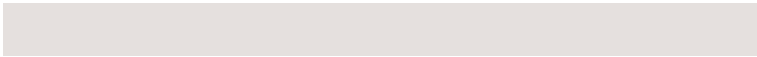
224, 225, 229

Rectangle

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



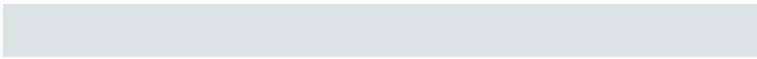
229, 224, 225



229, 225, 222



221, 224, 226



221, 224, 228

Sweetspot

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



229, 224, 225



255, 252, 253



228, 224, 229



128, 126, 126



0, 0, 0



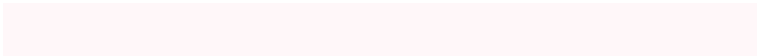
128, 128, 128

Same Dimension

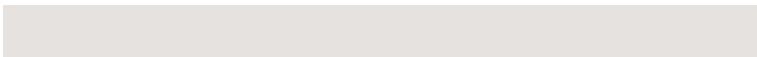
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 224, 225



255, 247, 249



229, 227, 224



115, 110, 111



179, 0, 36



51, 0, 10

Inverse Universe

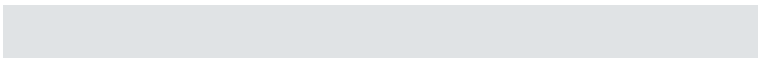
The Inverse Universe completely reimagines the original color for something new.



229, 224, 225



255, 247, 249



224, 226, 229



115, 110, 111



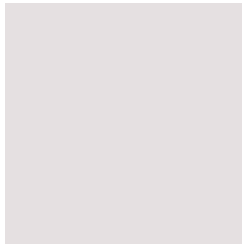
179, 0, 36



51, 0, 10

Previews

White Background



This preview shows how the RYB color 229, 224, 225 looks on a white background.

Color Contrast Check

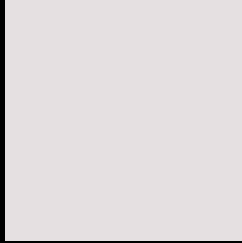
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 229, 224, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

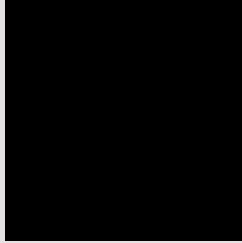
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

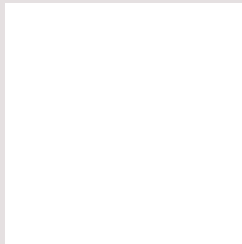
Any Text WCAG AAA ✓ Pass

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

R/Y/B 229, 224, 225 Background



This preview shows how black text looks on a background with the R/Y/B color 229, 224, 225.

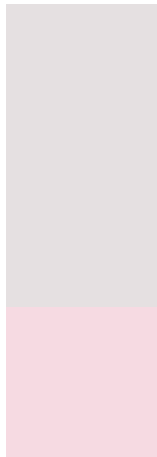


This preview shows how white text looks on a background with the R/Y/B color 229, 224, 225.

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
[229](#), [224](#), [225](#)

Protanopia
[229](#), [224](#), [225](#)

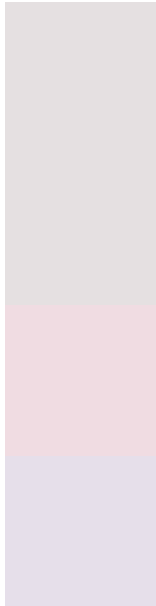
Deuteranopia
[246](#), [218](#), [226](#)



Tritanopia

231, 222, 239

Trichromacy



Original Color

229, 224, 225

Protanomaly

229, 224, 225

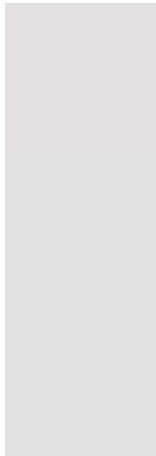
Deuteranomaly

240, 220, 226

Tritanomaly

230, 223, 234

Monochromacy



Original Color

229, 224, 225

Achromatopsia

226, 226, 226

Achromatomaly

227, 225, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 224, 225 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(229, 224, 225) looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 225)  
}
```

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(229, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 225) }
```

Border

The CSS property to change the border of an element to RYB 229, 224, 225 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(229, 224, 225) }
```

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

```
.border{ border-color:rgb(229, 224, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 229, 224, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 225) }
```

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

```
.background{ background-color: rgb(229,  
224, 225) }
```

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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