

Converting Colors

`RYB(229, 224, 228)`

Have a look what the booklet for
RYB(229, 224, 228) contains.

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Color

R_YB(229, 224, 228)

Conversions

Conversions Part 1

Format	Color
Hex	E5E0E4
RGB	229, 224, 228
RGB Percent	90%, 88%, 89%
CMY	0.1020, 0.1216, 0.1059
CMYK	0.00, 0.02, 0.00, 0.10
HSL	312°, 9%, 89%
HSV	312°, 2%, 90%
XYZ	72.9723, 75.5708, 84.1393
YIQ	225.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

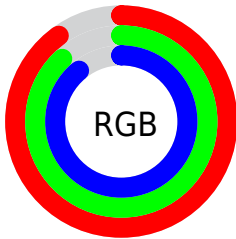
Format	Color
R_{YB}	229, 224, 228
Decimal	15065316
CIE _{Lab}	89.66, 2.41, -1.36
CIE _{LCh}	90, 2.764, 330.540
Yxy	75.5708, 0.3136, 0.3248
Android (android.graphics.Color)	4293255396 (0xFFE5E0E4)
YUV	225.9510, 1.0102, 2.6740
Hunter-Lab	86.9314, -2.2928, 3.4663

Details

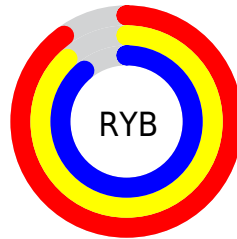
The RYB color **229, 224, 228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 228, 229**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 169, 173** is the 20% darker color. If you saturate the color by 10%, you get **229, 201, 223**, and if you desaturate by 10%, it is **229, 244, 247**.

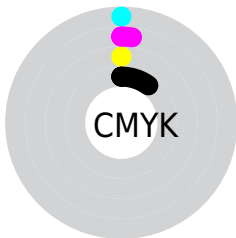
Distribution



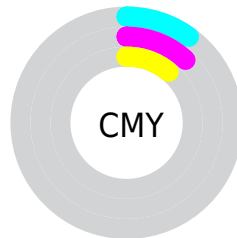
- Red (90%)
- Green (88%)
- Blue (89%)



- Red (90%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 224, 228 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, 228 by changing the saturation by 10% instead.

■ 229, 224, 228

255, 255, 255

■ 229, 224, 228

■ 201, 196, 200

■ 174, 169, 173

■ 147, 142, 146

■ 121, 117, 120

■ 96, 92, 96

■ 73, 69, 72

■ 50, 46, 50

■ 29, 26, 29

■ 2, 0, 2

■ 229, 224, 228

■ 229, 224, 228

■ 229, 201, 223

■ 229, 244, 247

■ 229, 178, 219

■ 229, 249, 255

■ 229, 155, 214

■ 229, 246, 255

■ 229, 132, 210

■ 229, 245, 255

■ 229, 110, 205

■ 229, 243, 255

■ 229, 87, 201

■ 229, 242, 255

■ 229, 64, 196

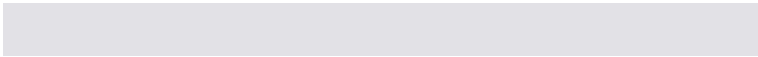
■ 229, 41, 191

■ 229, 18, 187

Harmonies

Analogous

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



226, 225, 230



229, 224, 228



231, 224, 225

Triad

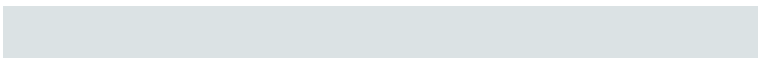
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229, 224, 228



225, 228, 220



219, 223, 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, 228



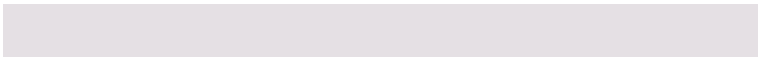
224, 228, 229

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.



220, 224, 227



229, 224, 228



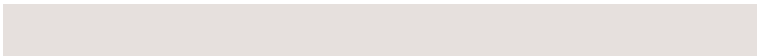
221, 226, 222

Square

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



229, 224, 228



230, 226, 221



222, 226, 227



220, 224, 230

Rectangle

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



229, 224, 228



231, 224, 224



222, 226, 227



219, 223, 227

Sweetspot

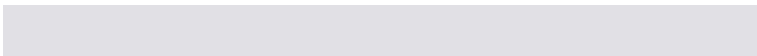
The Sweet Spot groups the original color and five complimentary colors.



229, 224, 228



255, 252, 254



225, 224, 229



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

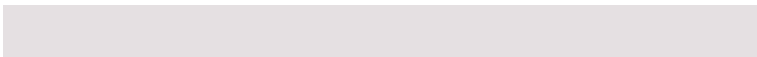
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 224, 228



255, 247, 253



229, 224, 226



115, 110, 114



179, 0, 143



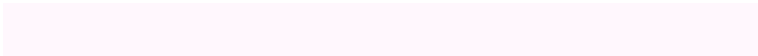
51, 0, 41

Inverse Universe

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



229, 224, 228



255, 247, 253



224, 227, 229



115, 110, 114



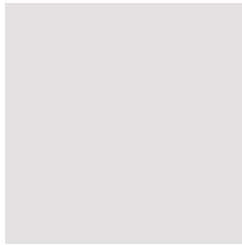
179, 0, 143



51, 0, 41

Previews

White Background



This preview shows how the RYB color 229, 224, 228 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, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

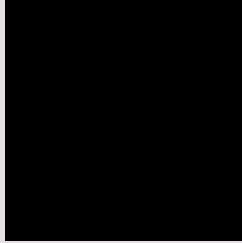
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

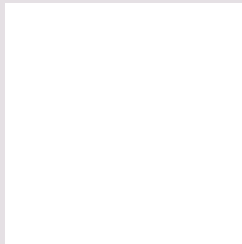
Any Text WCAG AAA ✓ Pass

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

R/Y/B 229, 224, 228 Background



This preview shows how black text looks on a background with the R/Y/B color 229, 224, 228.

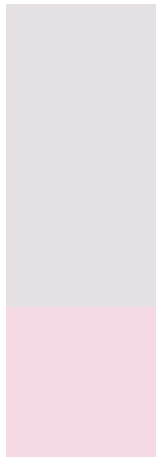


This preview shows how white text looks on a background with the R/Y/B color 229, 224, 228.

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, 228

Protanopia
228, 224, 228

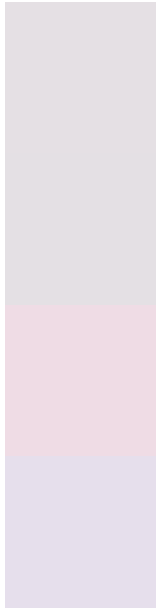
Deuteranopia
245, 218, 229



Tritanopia

231, 222, 240

Trichromacy



Original Color

229, 224, 228

Protanomaly

228, 224, 228

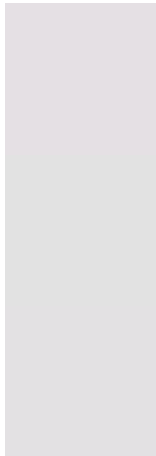
Deuteranomaly

239, 220, 229

Tritanomaly

230, 223, 236

Monochromacy



Original Color

229, 224, 228

Achromatopsia

226, 226, 226

Achromatomaly

227, 225, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 224, 228 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, 228) looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 228) }
```

Border

The CSS property to change the border of an element to RYB 229, 224, 228 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, 228) }
```

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

```
.border{ border-color:rgb(229, 224, 228) }
```

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, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 229, 224, 228 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, 228) }
```

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

```
.background{ background-color: rgb(229,  
224, 228) }
```

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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