

Converting Colors

`RYB(224, 211, 223)`

Have a look what the booklet for
RYB(224, 211, 223) contains.

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Color

$\text{RYB}(224, 211, 223)$

Conversions

Conversions Part 1

Format	Color
Hex	E0D3DF
RGB	224, 211, 223
RGB Percent	88%, 83%, 87%
CMY	0.1216, 0.1725, 0.1255
CMYK	0.00, 0.06, 0.00, 0.12
HSL	305°, 17%, 85%
HSV	305°, 6%, 88%
XYZ	67.3540, 67.7635, 79.3418
YIQ	216.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

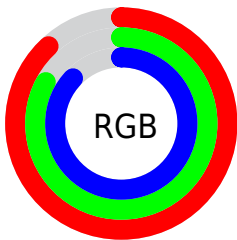
Format	Color
R_{YB}	224, 211, 223
Decimal	14734303
CIE _{Lab}	85.89, 6.60, -4.31
CIE _{LCh}	86, 7.879, 326.876
Yxy	67.7635, 0.3141, 0.3160
Android (android.graphics.Color)	4292924383 (0xFFE0D3DF)
YUV	216.2550, 3.3253, 6.7924
Hunter-Lab	82.3186, 1.9931, 0.4771

Details

The RYB color **224, 211, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211, 223, 224**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **169, 157, 168** is the 20% darker color. If you saturate the color by 10%, you get **224, 189, 221**, and if you desaturate by 10%, it is **224, 232, 233**.

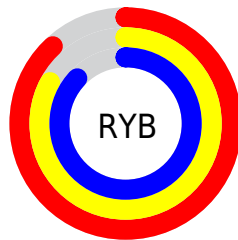
Distribution



Red (88%)

Green (83%)

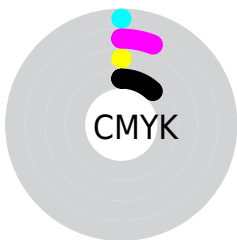
Blue (87%)



Red (88%)

Yellow (83%)

Blue (87%)

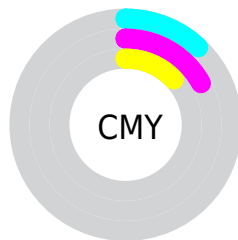


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 211, 223 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 224, 211, 223 by changing the saturation by 10% instead.

■ 224, 211, 223

255, 255, 255

■ 224, 211, 223

■ 196, 183, 195

■ 169, 157, 168

■ 142, 130, 141

■ 117, 105, 116

■ 92, 81, 91

■ 69, 58, 68


■ 46, 37, 46

■ 26, 16, 25


■ 0, 0, 0

 224, 211, 223


 224, 211, 223

 224, 189, 221

 224, 232, 233

 224, 166, 220

 224, 253, 255

 224, 144, 218


 224, 251, 255

 224, 121, 216


 224, 250, 255

 224, 99, 214

 224, 249, 255

 224, 77, 213


 224, 248, 255

 224, 54, 211

 224, 247, 255

 224, 32, 209

 224, 246, 255

 224, 9, 207

 224, 245, 255

Harmonies

Analogous

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



215, 213, 228



224, 211, 223



230, 210, 216

Triad

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



224, 211, 223



213, 222, 200



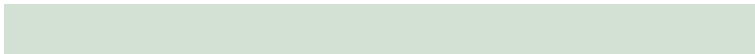
197, 208, 221

Complementary

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



224, 211, 223



211, 223, 224

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.



199, 210, 219



224, 211, 223



201, 216, 203

Square

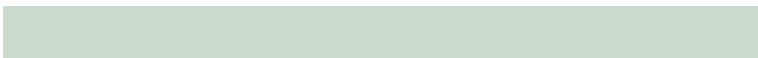
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224, 211, 223



228, 217, 203



205, 217, 218



199, 210, 227

Rectangle

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



224, 211, 223



231, 210, 211



205, 217, 218



197, 208, 219

Sweetspot

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



224, 211, 223



255, 250, 255



212, 211, 224



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



224, 211, 223



255, 237, 254



224, 211, 217



112, 103, 112



176, 0, 162



48, 0, 45

Inverse Universe

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



224, 211, 223



255, 237, 254



211, 219, 224



112, 103, 112



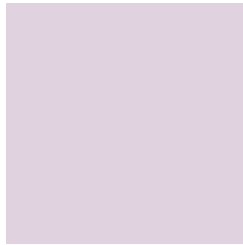
176, 0, 162



48, 0, 45

Previews

White Background



This preview shows how the RYB color 224, 211, 223 looks on a white background.

Color Contrast Check

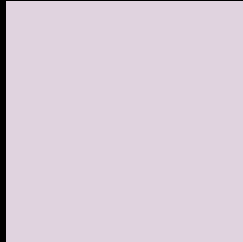
Large Text (above 18pt) WCAG AA × Fail

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 224, 211, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

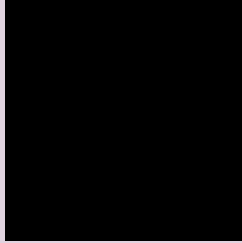
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

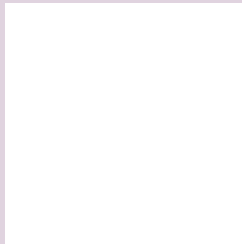
Any Text WCAG AAA ✓ Pass

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

RYB 224, 211, 223 Background



This preview shows how black text looks on a background with the RYB color 224, 211, 223.

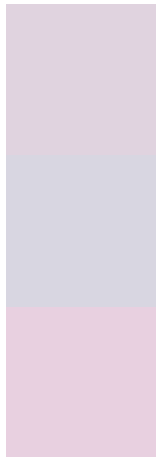


This preview shows how white text looks on a background with the RYB color 224, 211, 223.

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, 211, 223

Protanopia
216, 214, 225

Deuteranopia
232, 208, 224



Tritanopia
225, 210, 227

Trichromacy



Original Color

224, 211, 223

Protanomaly

219, 213, 224

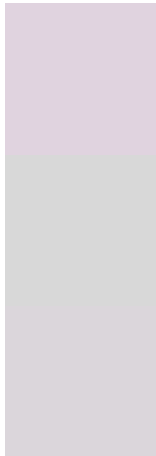
Deuteranomaly

229, 209, 224

Tritanomaly

225, 210, 226

Monochromacy



Original Color

224, 211, 223

Achromatopsia

216, 216, 216

Achromatomaly

219, 214, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 211, 223 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, 211, 223) looks like.

```
.text, #text, p{  
    color:rgb(224, 211, 223)  
}
```

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, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 211, 223) }
```

Border

The CSS property to change the border of an element to RYB 224, 211, 223 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, 211, 223) }
```

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

```
.border{ border-color:rgb(224, 211, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 211, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 211,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 224, 211, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 211, 223) }
```

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

```
.background{ background-color: rgb(224,  
211, 223) }
```

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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