

Converting Colors

`RYB(224, 215, 223)`

Have a look what the booklet for
RYB(224, 215, 223) contains.

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Color

R_YB(224, 215, 223)

Conversions

Conversions Part 1

Format	Color
Hex	E0D7DF
RGB	224, 215, 223
RGB Percent	88%, 84%, 87%
CMY	0.1216, 0.1569, 0.1255
CMYK	0.00, 0.04, 0.00, 0.12
HSL	307°, 13%, 86%
HSV	307°, 4%, 88%
XYZ	68.3602, 69.7759, 79.6772
YIQ	218.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

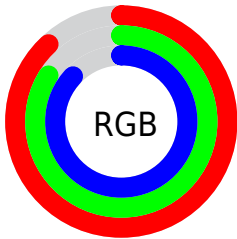
Format	Color
RYB	224, 215, 223
Decimal	14735327
CIELab	86.89, 4.50, -2.84
CIElCh	87, 5.321, 327.787
Yxy	69.7759, 0.3138, 0.3203
Android (android.graphics.Color)	4292925407 (0xFFE0D7DF)
YUV	218.6030, 2.1677, 4.7332
Hunter-Lab	83.5320, -0.1016, 1.9185

Details

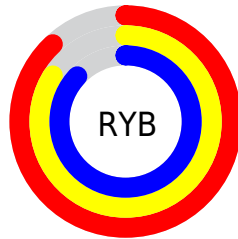
The RYB color **224, 215, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 223, 224**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 160, 168** is the 20% darker color. If you saturate the color by 10%, you get **224, 193, 221**, and if you desaturate by 10%, it is **224, 236, 237**.

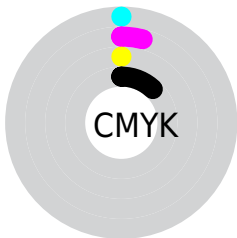
Distribution



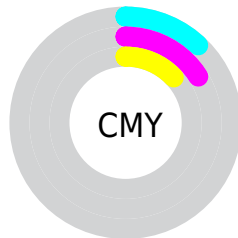
- Red (88%)
- Green (84%)
- Blue (87%)



- Red (88%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 215, 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, 215, 223 by changing the saturation by 10% instead.

■ 224, 215, 223

255, 255, 255

■ 224, 215, 223

■ 196, 187, 195

■ 169, 160, 168

■ 142, 134, 141

■ 117, 109, 116

■ 92, 85, 91

■ 69, 61, 68


■ 46, 40, 46

■ 26, 19, 25


■ 0, 0, 0

 224, 215, 223


 224, 215, 223

 224, 193, 221


 224, 236, 237

 224, 170, 218


 224, 251, 255

 224, 148, 216

 224, 250, 255

 224, 125, 213


 224, 248, 255

 224, 103, 211

 224, 247, 255

 224, 81, 208


 224, 245, 255

 224, 58, 206

 224, 244, 255

 224, 36, 203

 224, 243, 255

 224, 13, 201

 224, 242, 255

Harmonies

Analogous

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



218, 216, 226



224, 215, 223



228, 214, 218

Triad

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



224, 215, 223



216, 222, 208



206, 214, 222

Complementary

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



224, 215, 223



215, 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.



207, 215, 221



224, 215, 223



209, 219, 211

Square

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



224, 215, 223



227, 218, 209



211, 219, 220



207, 215, 226

Rectangle

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



224, 215, 223



229, 214, 215



211, 219, 220



206, 214, 221

Sweetspot

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



224, 215, 223



255, 252, 255



216, 215, 224



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



224, 215, 223



255, 242, 254



224, 215, 219



112, 105, 111



176, 0, 156



48, 0, 43

Inverse Universe

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



224, 215, 223



255, 242, 254



215, 221, 224



112, 105, 111



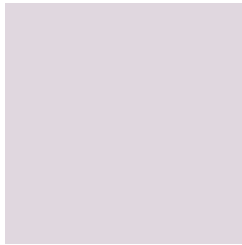
176, 0, 156



48, 0, 43

Previews

White Background



This preview shows how the RYB color 224, 215, 223 looks on a white background.

Color Contrast Check

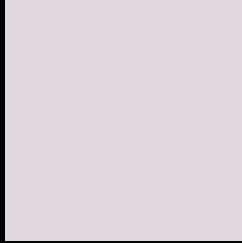
Large Text (above 18pt) WCAG AA × Fail

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, 215, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

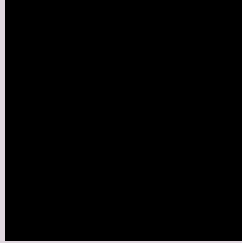
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

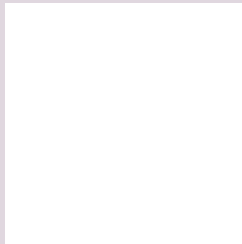
Any Text WCAG AAA ✓ Pass

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

R Y B 224, 215, 223 Background



This preview shows how black text looks on a background with the R Y B color 224, 215, 223.

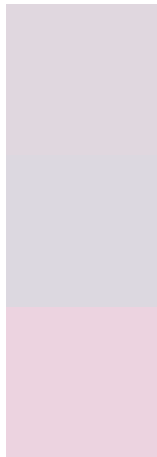


This preview shows how white text looks on a background with the R Y B color 224, 215, 223.

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](#), [215](#), [223](#)

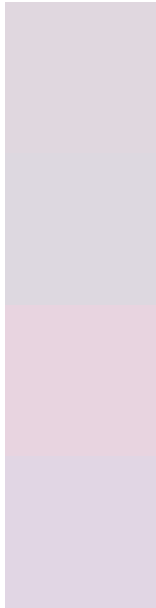
Protanopia
[220](#), [216](#), [224](#)

Deuteranopia
[236](#), [211](#), [224](#)



Tritanopia
225, 214, 231

Trichromacy



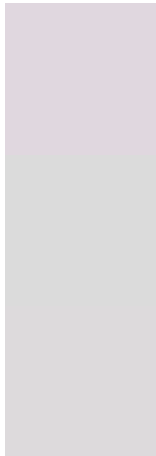
Original Color
224, 215, 223

Protanomaly
221, 216, 224

Deuteranomaly
232, 212, 224

Tritanomaly
225, 214, 228

Monochromacy



Original Color
224, 215, 223

Achromatopsia
219, 219, 219

Achromatomaly
221, 218, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 215, 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, 215, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 215, 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, 215, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 215, 223) }
```

Border

The CSS property to change the border of an element to RYB 224, 215, 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, 215, 223) }
```

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

```
.border{ border-color:rgb(224, 215, 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, 215, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 215, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 215, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 215,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 224, 215, 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, 215, 223) }
```

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

```
.background{ background-color: rgb(224,  
215, 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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