

Converting Colors

`RYB(224, 213, 223)`

Have a look what the booklet for
RYB(224, 213, 223) contains.

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Color

R_YB(224, 213, 223)

Conversions

Conversions Part 1

Format	Color
Hex	E0D5DF
RGB	224, 213, 223
RGB Percent	88%, 84%, 87%
CMY	0.1216, 0.1647, 0.1255
CMYK	0.00, 0.05, 0.00, 0.12
HSL	305°, 15%, 86%
HSV	305°, 5%, 88%
XYZ	67.8540, 68.7635, 79.5084
YIQ	217.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

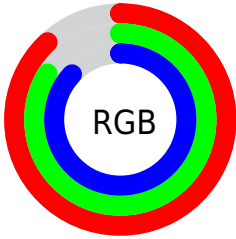
Format	Color
R _Y B	224, 213, 223
Decimal	14734815
CIE Lab	86.39, 5.55, -3.57
CIE LCh	86, 6.599, 327.234
Yxy	68.7635, 0.3140, 0.3182
Android (android.graphics.Color)	4292924895 (0xFFE0D5DF)
YUV	217.4290, 2.7465, 5.7628
Hunter-Lab	82.9238, 0.9446, 1.1986

Details

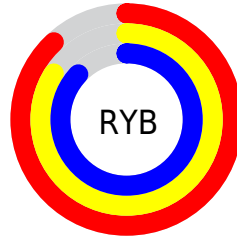
The RYB color **224, 213, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 223, 224**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 158, 168** is the 20% darker color. If you saturate the color by 10%, you get **224, 191, 221**, and if you desaturate by 10%, it is **224, 234, 235**.

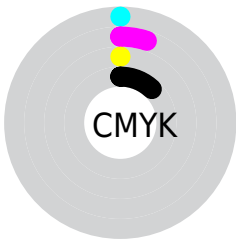
Distribution



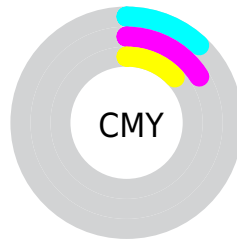
- Red (88%)
- Green (84%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 213, 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, 213, 223 by changing the saturation by 10% instead.

■ 224, 213, 223

255, 255, 255

■ 224, 213, 223

■ 196, 185, 195

■ 169, 158, 168

■ 142, 132, 141

■ 117, 107, 116

■ 92, 83, 91

■ 69, 60, 68


■ 46, 38, 46

■ 26, 18, 25


■ 0, 0, 0

 224, 213, 223


 224, 213, 223

 224, 191, 221

 224, 234, 235

 224, 168, 219


 224, 252, 255

 224, 146, 217


 224, 251, 255

 224, 123, 215


 224, 249, 255

 224, 101, 213

 224, 248, 255

 224, 79, 211


 224, 247, 255

 224, 56, 209

 224, 246, 255

 224, 34, 207

 224, 245, 255

 224, 11, 205

 224, 244, 255

Harmonies

Analogous

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



217, 215, 227



224, 213, 223



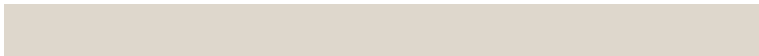
229, 212, 217

Triad

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



224, 213, 223



215, 222, 204



201, 211, 222

Complementary

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



224, 213, 223



213, 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.



203, 213, 220



224, 213, 223



205, 218, 208

Square

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



224, 213, 223



228, 219, 206



208, 218, 219



203, 212, 226

Rectangle

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



224, 213, 223



230, 212, 213



208, 218, 219



201, 211, 220

Sweetspot

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



224, 213, 223



255, 252, 255



214, 213, 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, 213, 223



255, 240, 254



224, 213, 218



112, 104, 111



176, 0, 160



48, 0, 44

Inverse Universe

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



224, 213, 223



255, 240, 254



213, 220, 224



112, 104, 111



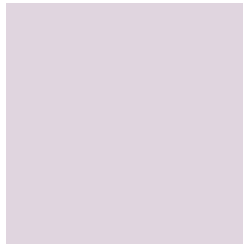
176, 0, 160



48, 0, 44

Previews

White Background



This preview shows how the RYB color 224, 213, 223 looks on a white background.

Color Contrast Check

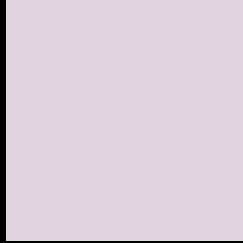
Large Text (above 18pt) WCAG AA × Fail

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, 213, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

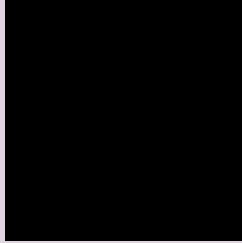
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

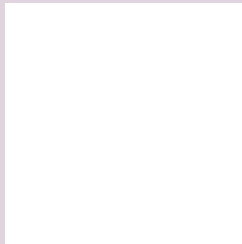
Any Text WCAG AAA ✓ Pass

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

RYB 224, 213, 223 Background



This preview shows how black text looks on a background with the RYB color 224, 213, 223.

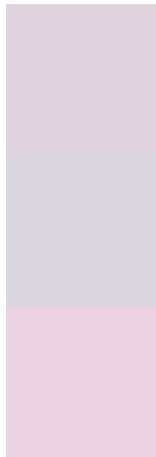


This preview shows how white text looks on a background with the RYB color 224, 213, 223.

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, 213, 223

Protanopia
218, 215, 224

Deuteranopia
234, 210, 224



Tritanopia
225, 212, 229

Trichromacy



Original Color

224, 213, 223

Protanomaly

220, 214, 224

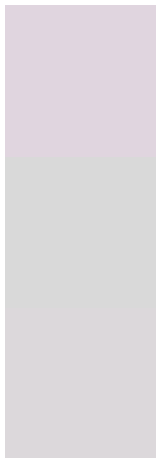
Deuteranomaly

230, 211, 224

Tritanomaly

225, 212, 227

Monochromacy



Original Color

224, 213, 223

Achromatopsia

217, 217, 217

Achromatomaly

220, 216, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 213, 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, 213, 223) looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 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, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 223) }
```

Border

The CSS property to change the border of an element to RYB 224, 213, 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, 213, 223) }
```

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

```
.border{ border-color:rgb(224, 213, 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, 213, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 224, 213, 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, 213, 223) }
```

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

```
.background{ background-color: rgb(224,  
213, 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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