

Converting Colors

`RYB(227, 207, 215)`

Have a look what the booklet for
RYB(227, 207, 215) contains.

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Color

RYB(227, 207, 215)

Conversions

Conversions Part 1

Format	Color
Hex	E3CFD7
RGB	227, 207, 215
RGB Percent	89%, 81%, 84%
CMY	0.1098, 0.1882, 0.1569
CMYK	0.00, 0.09, 0.05, 0.11
HSL	336°, 26%, 85%
HSV	336°, 9%, 89%
XYZ	66.2571, 65.8628, 73.5107
YIQ	213.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

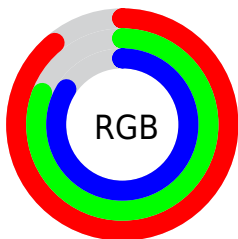
Format	Color
R _Y B	227, 207, 215
Decimal	14929879
CIE Lab	84.93, 8.31, -1.44
CIE LCh	85, 8.434, 350.158
Yxy	65.8628, 0.3222, 0.3203
Android (android.graphics.Color)	4293119959 (0xFFE3CFD7)
YUV	213.8920, 0.5462, 11.4957
Hunter-Lab	81.1559, 3.7077, 3.1045

Details

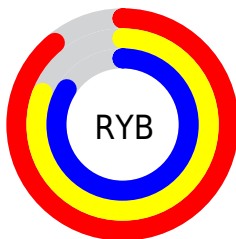
The RYB color **227, 207, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 220, 227**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 153, 160** is the 20% darker color. If you saturate the color by 10%, you get **227, 184, 201**, and if you desaturate by 10%, it is **227, 229, 230**.

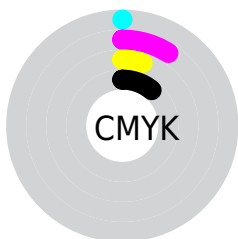
Distribution



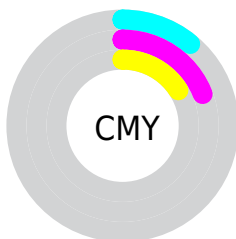
- Red (89%)
- Green (81%)
- Blue (84%)



- Red (89%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 207, 215 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 227, 207, 215 by changing the saturation by 10% instead.

■ 227, 207, 215

255, 255, 255

■ 227, 207, 215

■ 199, 179, 187

■ 172, 153, 160

■ 145, 127, 134

■ 119, 102, 109

■ 94, 78, 85

■ 71, 55, 62

■ 48, 33, 40

■ 28, 12, 19

■ 0, 0, 0

■ 227, 207, 215

■ 227, 207, 215

■ 227, 184, 201

■ 227, 229, 230

■ 227, 162, 188

■ 227, 243, 252

■ 227, 139, 174

■ 227, 241, 255

■ 227, 116, 161

■ 227, 94, 147

■ 227, 71, 133

■ 227, 48, 120

■ 227, 25, 106

■ 227, 3, 92

Harmonies

Analogous

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



220, 208, 222



227, 207, 215



230, 207, 207

Triad

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



227, 207, 215



197, 213, 197



194, 207, 224

Complementary

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



227, 207, 215



207, 220, 227

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.



193, 205, 217



227, 207, 215



202, 215, 213

Square

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



227, 207, 215



217, 222, 197



196, 209, 217



201, 210, 228

Rectangle

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



227, 207, 215



229, 210, 202



196, 209, 217



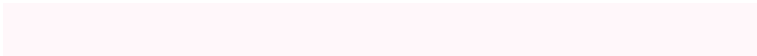
193, 206, 222

Sweetspot

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



227, 207, 215



255, 247, 250



219, 207, 227



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



227, 207, 215



255, 227, 238



227, 209, 207



115, 103, 108



179, 0, 71



51, 0, 20

Inverse Universe

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



227, 207, 215



255, 227, 238



207, 216, 227



115, 103, 108



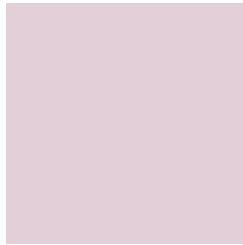
179, 0, 71



51, 0, 20

Previews

White Background



This preview shows how the RYB color 227, 207, 215 looks on a white background.

Color Contrast Check

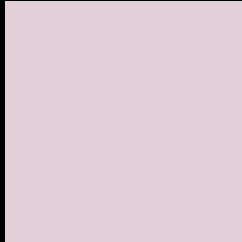
Large Text (above 18pt) WCAG AA × Fail

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 227, 207, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

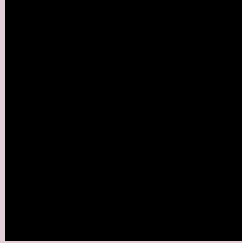
Any Text WCAG AA ✓ Pass

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](#).

RGB 227, 207, 215 Background



This preview shows how black text looks on a background with the RGB color 227, 207, 215.



This preview shows how white text looks on a background with the RGB color 227, 207, 215.

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
227, 207, 215

Protanopia
214, 211, 217

Deuteranopia
231, 206, 215



Tritanopia
228, 206, 222

Trichromacy



Original Color

227, 207, 215

Protanomaly

219, 210, 216

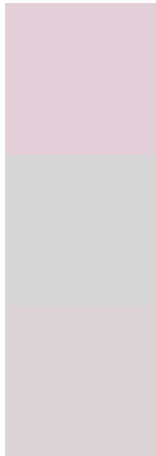
Deuteranomaly

230, 206, 215

Tritanomaly

228, 206, 219

Monochromacy



Original Color

227, 207, 215

Achromatopsia

214, 214, 214

Achromatomaly

219, 211, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 207, 215 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(227, 207, 215) looks like.

```
.text, #text, p{  
    color:rgb(227, 207, 215)  
}
```

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(227, 207, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 207, 215) }
```

Border

The CSS property to change the border of an element to RYB 227, 207, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

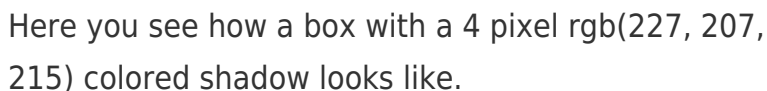
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 207, 215) }
```

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

```
.border{ border-color:rgb(227, 207, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 207, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 207, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 207, 215);  
box-shadow:4px 4px 4px 4px rgb(227, 207,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 227, 207, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 207, 215) }
```

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

```
.background{ background-color: rgb(227,  
207, 215) }
```

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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