

Converting Colors

`RYB(232, 208, 216)`

Have a look what the booklet for
RYB(232, 208, 216) contains.

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Color

R_YB(232, 208, 216)

Conversions

Conversions Part 1

Format	Color
Hex	E8D0D8
RGB	232, 208, 216
RGB Percent	91%, 82%, 85%
CMY	0.0902, 0.1843, 0.1529
CMYK	0.00, 0.10, 0.07, 0.09
HSL	340°, 34%, 86%
HSV	340°, 10%, 91%
XYZ	68.2293, 67.2254, 74.3455
YIQ	216.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

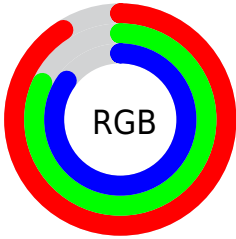
Format	Color
R _Y B	232, 208, 216
Decimal	15257816
CIE Lab	85.62, 9.69, -0.91
CIE LCh	86, 9.729, 354.624
Yxy	67.2254, 0.3252, 0.3204
Android (android.graphics.Color)	4293447896 (0xFFE8D0D8)
YUV	216.0880, -0.0434, 13.9548
Hunter-Lab	81.9911, 5.0551, 3.6325

Details

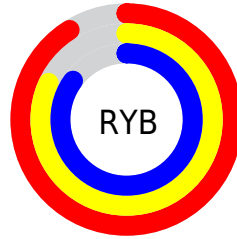
The RYB color **232, 208, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 222, 232**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 255**, and **176, 154, 161** is the 20% darker color. If you saturate the color by 10%, you get **232, 185, 201**, and if you desaturate by 10%, it is **232, 231, 231**.

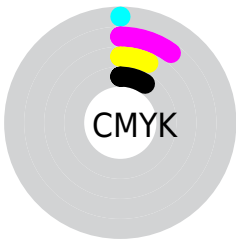
Distribution



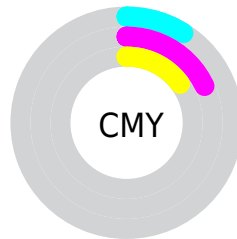
- Red (91%)
- Green (82%)
- Blue (85%)



- Red (91%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 232, 208, 216 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 232, 208, 216 by changing the saturation by 10% instead.


 232, 208, 216

255, 255, 255


 232, 208, 216

 204, 180, 188

 176, 154, 161


 150, 128, 135

 124, 103, 110

 99, 78, 85

 75, 56, 62


 52, 34, 40

 31, 13, 20


 0, 0, 0

 232, 208, 216


 232, 208, 216

 232, 185, 201


 232, 231, 231

 232, 162, 185

 232, 245, 254

 232, 138, 170

 232, 244, 255

 232, 115, 154

 232, 92, 139

 232, 69, 123

 232, 46, 108

 232, 22, 92

 232, 0, 77

Harmonies

Analogous

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



225, 210, 225



232, 208, 216



234, 208, 207

Triad

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



232, 208, 216



197, 216, 200



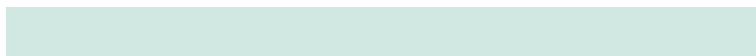
194, 208, 229

Complementary

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



232, 208, 216



208, 222, 232

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.



191, 205, 221



232, 208, 216



203, 218, 218

Square

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



232, 208, 216



214, 224, 196



195, 209, 219



203, 211, 232

Rectangle

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



232, 208, 216



233, 212, 201



195, 209, 219



193, 208, 227

Sweetspot

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



232, 208, 216



255, 247, 250



224, 208, 232



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



232, 208, 216



255, 224, 235



232, 213, 208



115, 103, 107



179, 0, 60



51, 0, 17

Inverse Universe

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



232, 208, 216



255, 224, 235



208, 219, 232



115, 103, 107



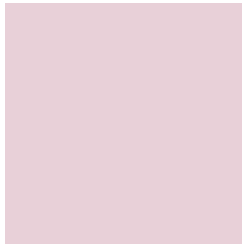
179, 0, 60



51, 0, 17

Previews

White Background



This preview shows how the RYB color 232, 208, 216 looks on a white background.

Color Contrast Check

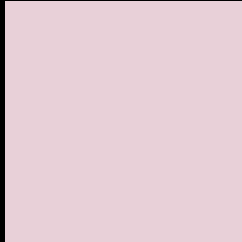
Large Text (above 18pt) WCAG AA × Fail

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 232, 208, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

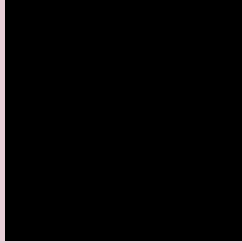
Any Text WCAG AA ✓ Pass

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 232, 208, 216 Background



This preview shows how black text looks on a background with the RYB color 232, 208, 216.



This preview shows how white text looks on a background with the RYB color 232, 208, 216.

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 232, 208, 216
	Protanopia 216, 213, 219
	Deuteranopia 234, 207, 216



Tritanopia
233, 207, 223

Trichromacy



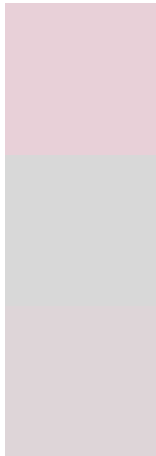
Original Color
232, 208, 216

Protanomaly
222, 211, 218

Deuteranomaly
233, 207, 216

Tritanomaly
233, 207, 220

Monochromacy



Original Color
232, 208, 216

Achromatopsia
216, 216, 216

Achromatomaly
222, 213, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 208, 216 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(232, 208, 216) looks like.

```
.text, #text, p{  
    color:rgb(232, 208, 216)  
}
```

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(232, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 208, 216) }
```

Border

The CSS property to change the border of an element to RYB 232, 208, 216 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(232, 208, 216) }
```

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

```
.border{ border-color:rgb(232, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(232, 208,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 232, 208, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 208, 216) }
```

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

```
.background{ background-color: rgb(232,  
208, 216) }
```

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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