

Converting Colors

`RYB(231, 208, 218)`

Have a look what the booklet for
RYB(231, 208, 218) contains.

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Color

R_YB(231, 208, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E7D0DA
RGB	231, 208, 218
RGB Percent	91%, 82%, 85%
CMY	0.0941, 0.1843, 0.1451
CMYK	0.00, 0.10, 0.06, 0.09
HSL	334°, 32%, 86%
HSV	334°, 10%, 91%
XYZ	68.1658, 67.1626, 75.7006
YIQ	216.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

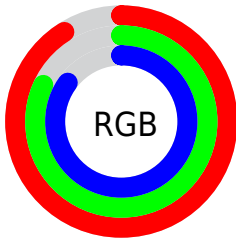
Format	Color
R _Y B	231, 208, 218
Decimal	15192282
CIE Lab	85.59, 9.68, -2.03
CIE LCh	86, 9.894, 348.162
Yxy	67.1626, 0.3230, 0.3183
Android (android.graphics.Color)	4293382362 (0xFFE7D0DA)
YUV	216.0170, 0.9776, 13.1401
Hunter-Lab	81.9528, 5.0533, 2.6002

Details

The RYB color **231, 208, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 223, 231**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 154, 163** is the 20% darker color. If you saturate the color by 10%, you get **231, 185, 205**, and if you desaturate by 10%, it is **231, 231, 231**.

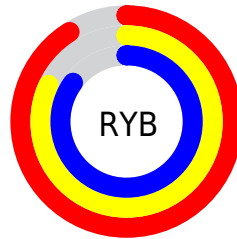
Distribution



Red (91%)

Green (82%)

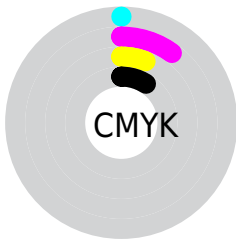
Blue (85%)



Red (91%)

Yellow (82%)

Blue (85%)

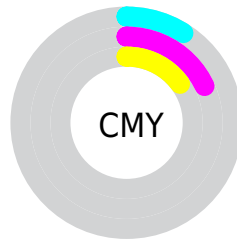


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 231, 208, 218 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 231, 208, 218 by changing the saturation by 10% instead.

■ 231, 208, 218

255, 255, 255

■ 231, 208, 218

■ 203, 180, 190

■ 175, 154, 163

■ 149, 128, 137

■ 123, 103, 112

■ 98, 79, 87

■ 74, 56, 64


■ 51, 34, 42


■ 30, 13, 22


■ 0, 0, 0

 231, 208, 218


 231, 208, 218

 231, 185, 205


 231, 231, 231


 231, 162, 192


 231, 246, 254


 231, 139, 179


 231, 243, 255

 231, 116, 166

 231, 93, 153

 231, 69, 140

 231, 46, 127

 231, 23, 114

 231, 0, 100

Harmonies

Analogous

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



223, 210, 226



231, 208, 218



234, 208, 208

Triad

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



231, 208, 218



197, 216, 196



193, 207, 227

Complementary

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



231, 208, 218



208, 223, 231

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, 206, 220



231, 208, 218



201, 218, 214

Square

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



231, 208, 218



222, 226, 196



196, 210, 219



200, 211, 232

Rectangle

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



231, 208, 218



234, 210, 203



196, 210, 219



191, 206, 225

Sweetspot

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



231, 208, 218



255, 247, 251



221, 208, 231



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

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



231, 208, 218



255, 224, 238



231, 209, 208



115, 103, 108



179, 0, 78



51, 0, 22

Inverse Universe

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



231, 208, 218



255, 224, 238



208, 219, 231



115, 103, 108



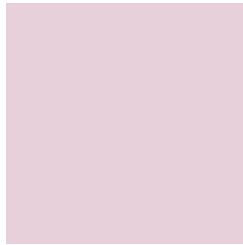
179, 0, 78



51, 0, 22

Previews

White Background



This preview shows how the RYB color 231, 208, 218 looks on a white background.

Color Contrast Check

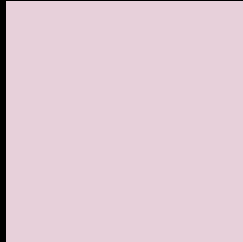
Large Text (above 18pt) WCAG AA × Fail

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 231, 208, 218 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 231, 208, 218 Background



This preview shows how black text looks on a background with the RYB color 231, 208, 218.



This preview shows how white text looks on a background with the RYB color 231, 208, 218.

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
231, 208, 218

Protanopia
216, 213, 221

Deuteranopia
233, 207, 218



Tritanopia
232, 207, 223

Trichromacy



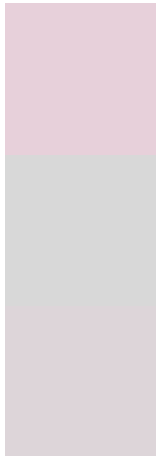
Original Color
231, 208, 218

Protanomaly
221, 211, 220

Deuteranomaly
232, 207, 218

Tritanomaly
232, 207, 221

Monochromacy



Original Color
231, 208, 218

Achromatopsia
216, 216, 216

Achromatomaly
221, 213, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 208, 218 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(231, 208, 218) looks like.

```
.text, #text, p{  
    color:rgb(231, 208, 218)  
}
```

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(231, 208, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 208, 218) }
```

Border

The CSS property to change the border of an element to RYB 231, 208, 218 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(231, 208, 218) }
```

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

```
.border{ border-color:rgb(231, 208, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 208, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 208, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 208, 218);  
box-shadow:4px 4px 4px 4px rgb(231, 208,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 231, 208, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 208, 218) }
```

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

```
.background{ background-color: rgb(231,  
208, 218) }
```

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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