

Converting Colors

`RYB(231, 204, 215)`

Have a look what the booklet for RYB(231, 204, 215) contains.

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Color

$\text{RYB}(231, 204, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	E7CCD7
RGB	231, 204, 215
RGB Percent	91%, 80%, 84%
CMY	0.0941, 0.2000, 0.1569
CMYK	0.00, 0.12, 0.07, 0.09
HSL	336°, 36%, 85%
HSV	336°, 12%, 91%
XYZ	66.8136, 65.0810, 73.3304
YIQ	213.3270, 12.5610, 9.1450

Conversions

Conversions Part 2

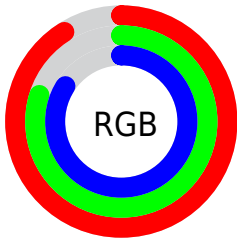
Format	Color
R_{YB}	231, 204, 215
Decimal	15191255
CIE _{Lab}	84.53, 11.28, -1.99
CIE _{LCh}	85, 11.450, 349.994
Yxy	65.0810, 0.3256, 0.3171
Android (android.graphics.Color)	4293381335 (0xFFE7CCD7)
YUV	213.3270, 0.8248, 15.4992
Hunter-Lab	80.6728, 6.6573, 2.5772

Details

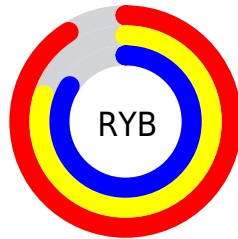
The RYB color **231, 204, 215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 221, 231**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 150, 160** is the 20% darker color. If you saturate the color by 10%, you get **231, 181, 201**, and if you desaturate by 10%, it is **231, 227, 229**.

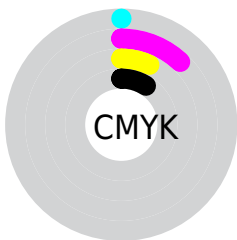
Distribution



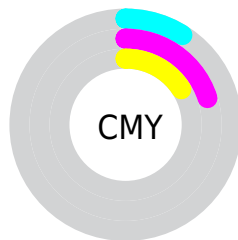
- Red (91%)
- Green (80%)
- Blue (84%)



- Red (91%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 231, 204, 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 231, 204, 215 by changing the saturation by 10% instead.

■ 231, 204, 215

255, 255, 255

■ 231, 204, 215

■ 203, 177, 187

■ 175, 150, 160

■ 149, 124, 134

■ 123, 99, 109

■ 98, 75, 85


■ 74, 52, 61


■ 51, 31, 40


■ 30, 8, 19


■ 0, 0, 0

 231, 204, 215


 231, 204, 215


 231, 181, 201


 231, 227, 229


 231, 158, 188


 231, 243, 250


 231, 135, 174


 231, 243, 255


 231, 112, 160

 231, 89, 147

 231, 65, 133

 231, 42, 119

 231, 19, 105

 231, 0, 94

Harmonies

Analogous

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



222, 206, 225



231, 204, 215



235, 204, 204

Triad

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



231, 204, 215



191, 212, 191



187, 204, 227

Complementary

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



231, 204, 215



204, 221, 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.



184, 201, 218



231, 204, 215



197, 215, 212

Square

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



231, 204, 215



217, 224, 190



189, 206, 217



196, 208, 232

Rectangle

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



231, 204, 215



233, 207, 197



189, 206, 217



185, 203, 224

Sweetspot

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



231, 204, 215



255, 245, 249



220, 204, 231



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

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



231, 204, 215



255, 219, 234



231, 206, 204



115, 103, 108



179, 0, 73



51, 0, 21

Inverse Universe

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



231, 204, 215



255, 219, 234



204, 217, 231



115, 103, 108



179, 0, 73



51, 0, 21

Previews

White Background



This preview shows how the RYB color 231, 204, 215 looks on a white background.

Color Contrast Check

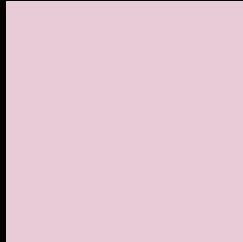
Large Text (above 18pt) WCAG AA × Fail

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 231, 204, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

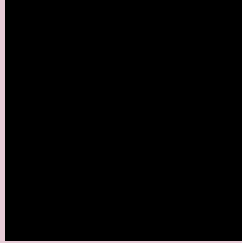
Any Text WCAG AA ✓ Pass

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](#).

RYB 231, 204, 215 Background



This preview shows how black text looks on a background with the RYB color 231, 204, 215.



This preview shows how white text looks on a background with the RYB color 231, 204, 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
231, 204, 215

Protanopia
213, 210, 218

Deuteranopia
230, 205, 215



Tritanopia
232, 203, 219

Trichromacy



Original Color
231, 204, 215

Protanomaly
220, 208, 217

Deuteranomaly
230, 205, 215

Tritanomaly
232, 203, 218

Monochromacy



Original Color
231, 204, 215

Achromatopsia
213, 213, 213

Achromatomaly
220, 210, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 204, 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(231, 204, 215) looks like.

```
.text, #text, p{  
    color:rgb(231, 204, 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(231, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 204, 215) }
```

Border

The CSS property to change the border of an element to RYB 231, 204, 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(231, 204, 215) }
```

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

```
.border{ border-color:rgb(231, 204, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 204, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 204, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 204, 215);  
box-shadow:4px 4px 4px 4px rgb(231, 204,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 231, 204, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 204, 215) }
```

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

```
.background{ background-color: rgb(231,  
204, 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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