

Converting Colors

`RYB(232, 204, 214)`

Have a look what the booklet for
RYB(232, 204, 214) contains.

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Color

R_YB(232, 204, 214)

Conversions

Conversions Part 1

Format	Color
Hex	E8CCD6
RGB	232, 204, 214
RGB Percent	91%, 80%, 84%
CMY	0.0902, 0.2000, 0.1608
CMYK	0.00, 0.12, 0.08, 0.09
HSL	339°, 38%, 85%
HSV	339°, 12%, 91%
XYZ	67.0092, 65.1966, 72.6708
YIQ	213.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

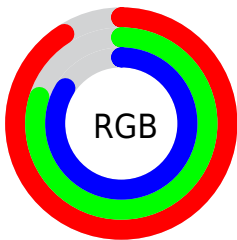
Format	Color
R _Y B	232, 204, 214
Decimal	15256790
CIE Lab	84.58, 11.45, -1.36
CIE LCh	85, 11.534, 353.230
Yxy	65.1966, 0.3271, 0.3182
Android (android.graphics.Color)	4293446870 (0xFFE8CCD6)
YUV	213.5120, 0.2406, 16.2140
Hunter-Lab	80.7444, 6.8331, 3.1595

Details

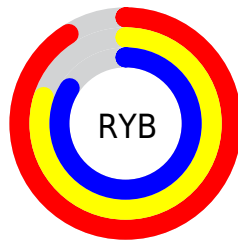
The RYB color **232, 204, 214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 221, 232**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 150, 159** is the 20% darker color. If you saturate the color by 10%, you get **232, 181, 199**, and if you desaturate by 10%, it is **232, 227, 229**.

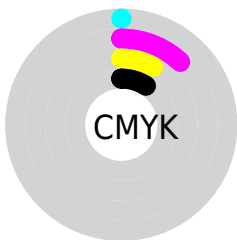
Distribution



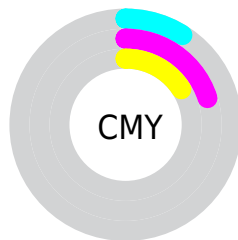
- Red (91%)
- Green (80%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 204, 214 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, 204, 214 by changing the saturation by 10% instead.

■ 232, 204, 214

255, 255, 255

■ 232, 204, 214

■ 204, 177, 186

■ 176, 150, 159

■ 149, 124, 133

■ 123, 99, 108

■ 98, 75, 84

■ 74, 52, 61


■ 51, 31, 39

■ 31, 8, 18


■ 0, 0, 0

 232, 204, 214


 232, 204, 214

 232, 181, 199


 232, 227, 229

 232, 158, 184

 232, 243, 250

 232, 134, 169

 232, 244, 255

 232, 111, 154

 232, 88, 139

 232, 65, 125

 232, 42, 110

 232, 18, 95

 232, 0, 83

Harmonies

Analogous

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



223, 206, 224



232, 204, 214



235, 204, 203

Triad

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



232, 204, 214



191, 213, 193



187, 204, 228

Complementary

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



232, 204, 214



204, 221, 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.



184, 201, 219



232, 204, 214



198, 216, 216

Square

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



232, 204, 214



214, 223, 190



188, 206, 218



197, 208, 232

Rectangle

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



232, 204, 214



233, 207, 197



188, 206, 218



185, 203, 226

Sweetspot

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



232, 204, 214



255, 245, 248



222, 204, 232



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

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



232, 204, 214



255, 219, 232



232, 209, 204



115, 103, 107



179, 0, 64



51, 0, 18

Inverse Universe

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



232, 204, 214



255, 219, 232



204, 217, 232



115, 103, 107



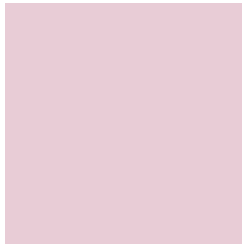
179, 0, 64



51, 0, 18

Previews

White Background



This preview shows how the RYB color 232, 204, 214 looks on a white background.

Color Contrast Check

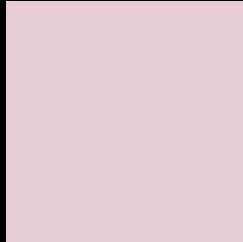
Large Text (above 18pt) WCAG AA × Fail

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, 204, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

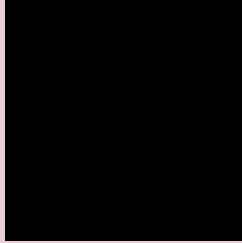
Any Text WCAG AA ✓ Pass

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, 204, 214 Background



This preview shows how black text looks on a background with the RYB color 232, 204, 214.



This preview shows how white text looks on a background with the RYB color 232, 204, 214.

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, 204, 214

Protanopia
213, 210, 218

Deuteranopia
230, 205, 214



Tritanopia
233, 203, 219

Trichromacy



Original Color

232, 204, 214

Protanomaly

220, 208, 217

Deuteranomaly

231, 205, 214

Tritanomaly

233, 203, 217

Monochromacy



Original Color

232, 204, 214

Achromatopsia

214, 214, 214

Achromatomaly

221, 210, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 204, 214 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, 204, 214) looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 214)  
}
```

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, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 214) }
```

Border

The CSS property to change the border of an element to RYB 232, 204, 214 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, 204, 214) }
```

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

```
.border{ border-color:rgb(232, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 232, 204, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 214) }
```

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

```
.background{ background-color: rgb(232,  
204, 214) }
```

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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