

Converting Colors

`RYB(224, 204, 206)`

Have a look what the booklet for
RYB(224, 204, 206) contains.

RYB(224, 204, 206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(224, 204, 206)`

Conversions

Conversions Part 1	
Format	Color
Hex	E0CCCE
RGB	224, 204, 206
RGB Percent	88%, 80%, 81%
CMY	0.1216, 0.2000, 0.1922
CMYK	0.00, 0.09, 0.08, 0.12
HSL	354°, 24%, 84%
HSV	354°, 9%, 88%
XYZ	63.4739, 63.4893, 67.3017
YIQ	210.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

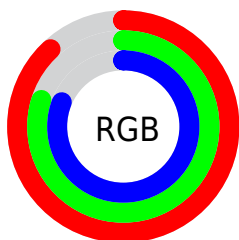
Format	Color
RYB	224, 204, 206
Decimal	14732494
CIELab	83.70, 7.30, 1.53
CIELCh	84, 7.462, 11.818
Yxy	63.4893, 0.3267, 0.3268
Android (android.graphics.Color)	4292922574 (0xFFE0CCCE)
YUV	210.2080, -2.0745, 12.0956
Hunter-Lab	79.6801, 2.7544, 5.6969

Details

The RYB color **224, 204, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 215, 224**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 255, and **169, 150, 152** is the 20% darker color. If you saturate the color by 10%, you get **224, 182, 186**, and if you desaturate by 10%, it is **224, 225, 226**.

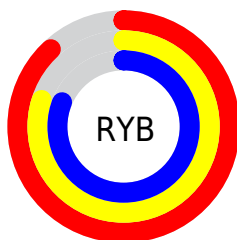
Distribution



Red (88%)

Green (80%)

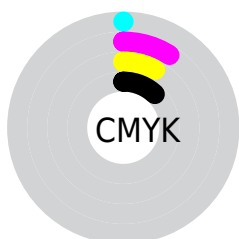
Blue (81%)



Red (88%)

Yellow (80%)

Blue (81%)

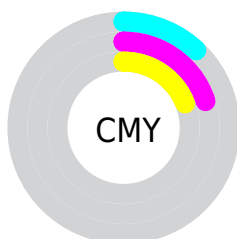


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 204, 206 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 224, 204, 206 by changing the saturation by 10% instead.

 224, 204, 206

 224, 204, 206

255, 255, 255


 196, 177, 179

 169, 150, 152

 142, 124, 126

 117, 99, 101

 92, 75, 77

 68, 53, 54

 46, 31, 33

 26, 8, 10


 0, 0, 0

 224, 204, 206

 224, 204, 206

 224, 182, 186


 224, 225, 226

 224, 159, 166

 224, 237, 249


 224, 137, 146

 224, 240, 255

 224, 114, 125

 224, 92, 105

 224, 70, 85

 224, 47, 65

 224, 25, 45

 224, 2, 25

Harmonies

Analogous

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



220, 204, 213



224, 204, 206



223, 206, 200

Triad

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



224, 204, 206



198, 211, 206



197, 206, 222

Complementary

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



224, 204, 206



204, 215, 224

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.



192, 203, 218



224, 204, 206



196, 208, 213

Square

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



224, 204, 206



199, 212, 195



192, 203, 213



205, 208, 222

Rectangle

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



224, 204, 206



221, 213, 196



192, 203, 213



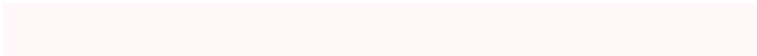
195, 205, 221

Sweetspot

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



224, 204, 206



255, 247, 248



222, 204, 224



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

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



224, 204, 206



255, 227, 230



224, 217, 204



112, 101, 102



176, 0, 18



48, 0, 5

Inverse Universe

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



224, 204, 206



255, 227, 230



204, 212, 224



112, 101, 102



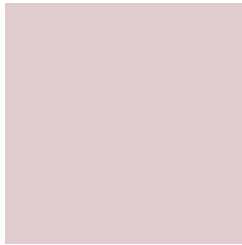
176, 0, 18



48, 0, 5

Previews

White Background



This preview shows how the RYB color 224, 204, 206 looks on a white background.

Color Contrast Check

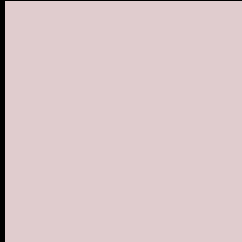
Large Text (above 18pt) WCAG AA × Fail

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 224, 204, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

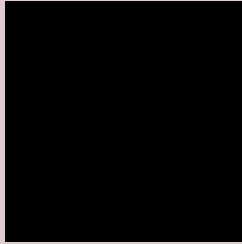
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

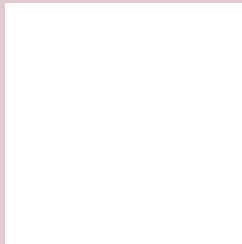
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 224, 204, 206 Background



This preview shows how black text looks on a background with the RYB color 224, 204, 206.



This preview shows how white text looks on a background with the RYB color 224, 204, 206.

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

224, 204, 206

Protanopia

212, 208, 208

Deuteranopia

230, 202, 206



Tritanopia

226, 202, 218

Trichromacy



Original Color
224, 204, 206

Protanomaly
216, 207, 207

Deuteranomaly
228, 203, 206

Tritanomaly
225, 203, 214

Monochromacy



Original Color
224, 204, 206

Achromatopsia
210, 210, 210

Achromatomaly
215, 208, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 204, 206 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(224, 204, 206) looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 206)  
}
```

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(224, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 206) }
```

Border

The CSS property to change the border of an element to RYB 224, 204, 206 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(224, 204, 206) }
```

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

```
.border{ border-color:rgb(224, 204, 206) }
```

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

Here you see how a box with a 4 pixel rgb(224, 204, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 224, 204, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 206) }
```

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

```
.background{ background-color: rgb(224,  
204, 206) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor