

Converting Colors

`RYB(206, 204, 224)`

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

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Color

RYB(206, 204, 224)

Conversions

Conversions Part 1

Format	Color
Hex	CECCE0
RGB	206, 204, 224
RGB Percent	81%, 80%, 88%
CMY	0.1922, 0.2000, 0.1216
CMYK	0.08, 0.09, 0.00, 0.12
HSL	246°, 24%, 84%
HSV	246°, 9%, 88%
XYZ	60.5010, 61.6894, 79.2395
YIQ	206.8780, -5.2280, 6.6440

Conversions

Conversions Part 2

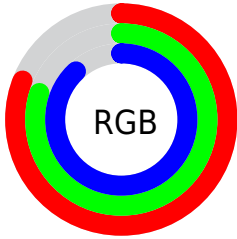
Format	Color
R _Y B	206, 204, 224
Decimal	13552864
CIE Lab	82.75, 4.47, -9.64
CIE LCh	83, 10.628, 294.877
Yxy	61.6894, 0.3004, 0.3063
Android (android.graphics.Color)	4291742944 (0xFFCECCE0)
YUV	206.8780, 8.4411, -0.7700
Hunter-Lab	78.5426, 0.0483, -4.8363

Details

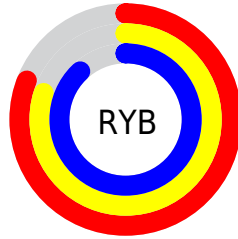
The RYB color **206, 204, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 224, 206**, and the grayscale version is **207, 207, 207**.

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

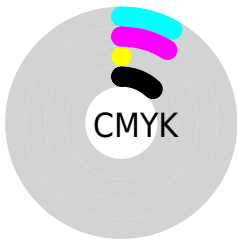
Distribution



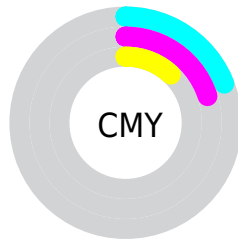
- Red (81%)
- Green (80%)
- Blue (88%)



- Red (81%)
- Yellow (80%)
- Blue (88%)



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



- Cyan (19%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

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

■ 206, 204, 224

255, 255, 255

■ 206, 204, 224

■ 178, 177, 196

■ 152, 150, 169

■ 126, 124, 142

■ 101, 99, 117

■ 77, 75, 92

■ 54, 53, 69

■ 32, 32, 46

■ 11, 7, 26

■ 0, 0, 0

 206, 204, 224

 206, 204, 224

 186, 182, 224

 224, 226, 224


 166, 159, 224

 224, 249, 227

 146, 137, 224

 224, 255, 224

 125, 114, 224

 105, 92, 224

 85, 70, 224

 65, 47, 224

 45, 25, 224

 25, 2, 224

Harmonies

Analogous

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



194, 203, 226



206, 204, 224



218, 201, 218

Triad

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



206, 204, 224



224, 209, 190



185, 201, 212

Complementary

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



206, 204, 224



204, 224, 206

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.



194, 211, 211



206, 204, 224



203, 216, 186

Square

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



206, 204, 224



228, 200, 198



188, 208, 191



181, 197, 214

Rectangle

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



206, 204, 224



223, 200, 211



188, 208, 191



187, 203, 212

Sweetspot

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



206, 204, 224



248, 247, 255



204, 213, 224



123, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 204, 224



230, 227, 255



216, 204, 224



102, 101, 112



18, 0, 176



5, 0, 48

Inverse Universe

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



224, 204, 222



255, 227, 252



204, 224, 216



112, 101, 111



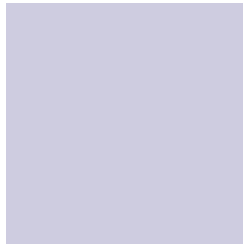
176, 0, 158



48, 0, 44

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

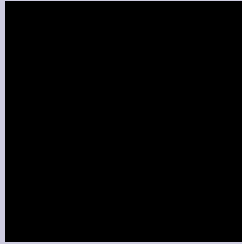
Any Text WCAG AA ✓ Pass

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 206, 204, 224 Background



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

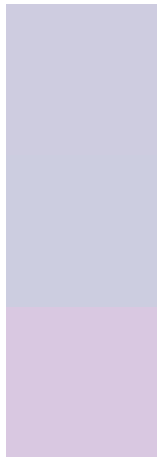


This preview shows how white text looks on a background with the RYB color 206, 204, 224.

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
206, 204, 224

Protanopia
204, 205, 224

Deuteranopia
217, 200, 225



Tritanopia
205, 205, 221

Trichromacy



Original Color
206, 204, 224

Protanomaly
205, 205, 224

Deuteranomaly
213, 201, 225

Tritanomaly
205, 205, 222

Monochromacy



Original Color
206, 204, 224

Achromatopsia
207, 207, 207

Achromatomaly
207, 206, 213

CSS Examples

Text

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

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

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

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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