

Converting Colors

`RYB(206, 182, 204)`

Have a look what the booklet for
RYB(206, 182, 204) contains.

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Color

R_YB(206, 182, 204)

Conversions

Conversions Part 1

Format	Color
Hex	CEB6CC
RGB	206, 182, 204
RGB Percent	81%, 71%, 80%
CMY	0.1922, 0.2863, 0.2000
CMYK	0.00, 0.12, 0.01, 0.19
HSL	305°, 20%, 76%
HSV	305°, 12%, 81%
XYZ	53.0806, 50.9373, 64.1610
YIQ	191.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

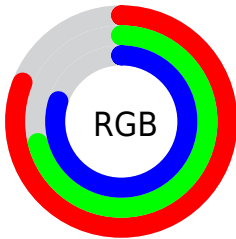
Format	Color
R _Y B	206, 182, 204
Decimal	13547212
CIE Lab	76.64, 12.44, -7.95
CIE LCh	77, 14.760, 327.418
Yxy	50.9373, 0.3156, 0.3029
Android (android.graphics.Color)	4291737292 (0xFFCEB6CC)
YUV	191.6840, 6.0718, 12.5551
Hunter-Lab	71.3704, 7.8584, -3.3416

Details

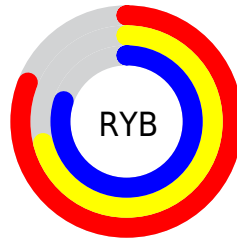
The RYB color **206, 182, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **182, 204, 206**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 238, 255**, and **152, 129, 150** is the 20% darker color. If you saturate the color by 10%, you get **206, 161, 202**, and if you desaturate by 10%, it is **206, 203, 206**.

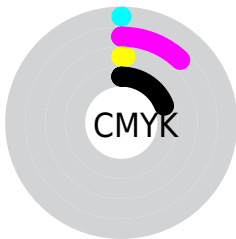
Distribution



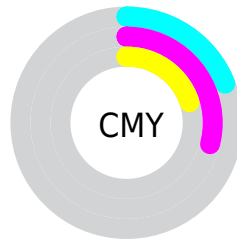
- Red (81%)
- Green (71%)
- Blue (80%)



- Red (81%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 182, 204 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, 182, 204 by changing the saturation by 10% instead.


 206, 182, 204

255, 255, 255

 255, 238, 255

 206, 182, 204

 178, 155, 177

 152, 129, 150

 126, 104, 124

 101, 80, 99

 76, 57, 75

 54, 35, 53


 32, 14, 31

 0, 0, 5

 0, 0, 0

 206, 182, 204

 206, 182, 204

 206, 161, 202


 206, 203, 206

 206, 141, 201


 206, 222, 223

 206, 120, 199


 206, 241, 244

 206, 100, 197


 206, 250, 255

 206, 79, 195


 206, 249, 255

 206, 58, 194

 206, 248, 255

 206, 38, 192

 206, 247, 255

 206, 17, 190

 206, 245, 255

 206, 0, 189

 206, 245, 255

Harmonies

Analogous

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



190, 186, 213



206, 182, 204



216, 180, 191

Triad

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



206, 182, 204



182, 201, 162



154, 176, 201

Complementary

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



206, 182, 204



182, 204, 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.



159, 181, 197



206, 182, 204



165, 192, 171

Square

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



206, 182, 204



213, 192, 167



171, 192, 195



159, 180, 212

Rectangle

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



206, 182, 204



218, 180, 182



171, 192, 195



155, 176, 197

Sweetspot

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



206, 182, 204



255, 247, 254



184, 182, 206



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



206, 182, 204



255, 219, 252



206, 182, 192



102, 92, 101



166, 0, 152



38, 0, 35

Inverse Universe

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



206, 182, 204



255, 219, 252



182, 197, 206



102, 92, 101



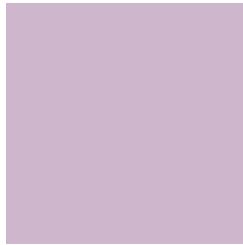
166, 0, 152



38, 0, 35

Previews

White Background



This preview shows how the RYB color 206, 182, 204 looks on a white background.

Color Contrast Check

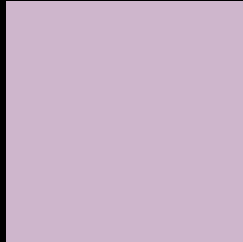
Large Text (above 18pt) WCAG AA × Fail

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, 182, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

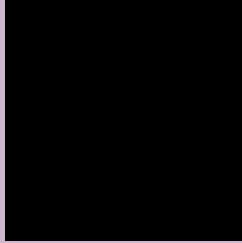
Any Text WCAG AA ✓ Pass

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, 182, 204 Background



This preview shows how black text looks on a background with the RYB color 206, 182, 204.



This preview shows how white text looks on a background with the RYB color 206, 182, 204.

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, 182, 204

Protanopia
187, 188, 208

Deuteranopia
201, 184, 204



Tritanopia
205, 183, 197

Trichromacy



Original Color
206, 182, 204

Protanomaly
194, 186, 207

Deuteranomaly
203, 183, 204

Tritanomaly
205, 183, 200

Monochromacy



Original Color
206, 182, 204

Achromatopsia
192, 192, 192

Achromatomaly
197, 188, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 182, 204 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, 182, 204) looks like.

```
.text, #text, p{  
    color:rgb(206, 182, 204)  
}
```

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, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 182, 204) }
```

Border

The CSS property to change the border of an element to RYB 206, 182, 204 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, 182, 204) }
```

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

```
.border{ border-color:rgb(206, 182, 204) }
```

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

Here you see how a box with a 4 pixel rgb(206, 182, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(206, 182,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 206, 182, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 182, 204) }
```

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

```
.background{ background-color: rgb(206,  
182, 204) }
```

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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