

Converting Colors

`RYB(207, 129, 128)`

Have a look what the booklet for
RYB(207, 129, 128) contains.

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Color

R_YB(207, 129, 128)

Conversions

Conversions Part 1

Format	Color
Hex	CF8180
RGB	207, 129, 128
RGB Percent	81%, 51%, 50%
CMY	0.1882, 0.4942, 0.4980
CMYK	0.00, 0.38, 0.38, 0.19
HSL	1°, 45%, 66%
HSV	1°, 38%, 81%
XYZ	37.4770, 30.5211, 24.3380
YIQ	152.2080, 46.8090, 16.2250

Conversions

Conversions Part 2

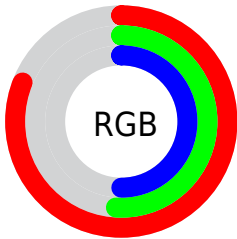
Format	Color
R_{YB}	207, 129, 128
Decimal	13599104
CIE _{Lab}	62.10, 30.00, 13.28
CIE _{LCh}	62, 32.809, 23.876
Yxy	30.5211, 0.4059, 0.3305
Android (android.graphics.Color)	4291789184 (0xFFCF8180)
YUV	152.2080, -11.9345, 48.0526
Hunter-Lab	55.2459, 24.4081, 12.5526

Details

The RYB color **207, 129, 128** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **128, 167, 207**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 183, 181**, and **150, 78, 79** is the 20% darker color. If you saturate the color by 10%, you get **207, 109, 107**, and if you desaturate by 10%, it is **207, 149, 149**.

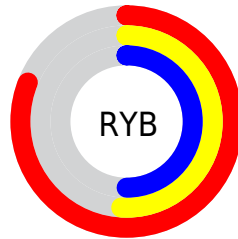
Distribution



Red (81%)

Green (51%)

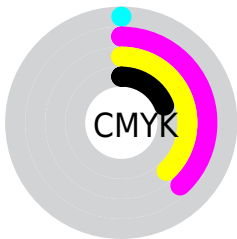
Blue (50%)



Red (81%)

Yellow (51%)

Blue (50%)

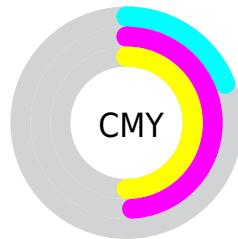


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (19%)



Cyan (19%)

Magenta (49%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the RYB color 207, 129, 128 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 207, 129, 128 by changing the saturation by 10% instead.

 207, 129, 128

255, 255, 255

 255, 183, 181

 255, 211, 208

 255, 239, 237

 207, 129, 128

 178, 103, 103

 150, 78, 79

 123, 54, 56

 96, 30, 35

 70, 5, 13


 46, 0, 0

 0, 0, 0

 207, 129, 128

 207, 109, 107

 207, 129, 128

 207, 149, 149

 207, 88, 87

 207, 170, 169

 207, 68, 66

 207, 190, 190

 207, 47, 45

 207, 209, 211

 207, 27, 24

 207, 219, 232

 207, 6, 4

 207, 230, 252

 207, 3, 0

 207, 231, 255

Harmonies

Analogous

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



202, 128, 157



207, 129, 128



197, 153, 104

Triad

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



207, 129, 128



112, 159, 162



99, 136, 207

Complementary

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



207, 129, 128



128, 167, 207

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.



52, 114, 196



207, 129, 128



75, 126, 165

Square

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



207, 129, 128



96, 155, 105



40, 104, 173



145, 145, 203

Rectangle

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



207, 129, 128



167, 183, 94



40, 104, 173



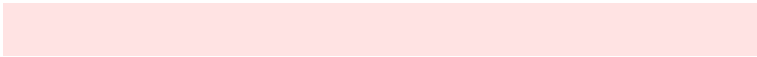
82, 129, 205

Sweetspot

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



207, 129, 128



255, 227, 227



207, 128, 207



128, 111, 111



0, 0, 0



128, 128, 128

Same Dimension

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



207, 129, 128



255, 139, 138



205, 207, 128



105, 94, 94



168, 2, 0



41, 1, 0

Inverse Universe

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



128, 167, 207



138, 196, 255



128, 155, 207



94, 99, 105



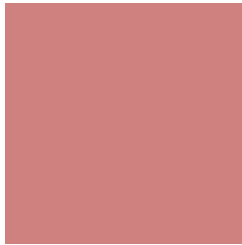
0, 83, 168



0, 20, 41

Previews

White Background



This preview shows how the RYB color 207, 129, 128 looks on a white background.

Color Contrast Check

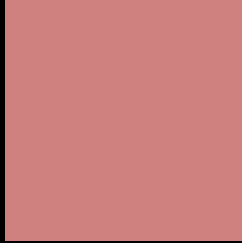
Large Text (above 18pt) WCAG AA × Fail

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 207, 129, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

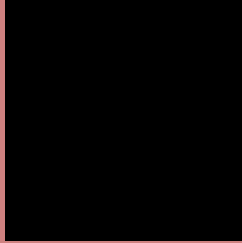
Any Text WCAG AA ✓ Pass

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 207, 129, 128 Background



This preview shows how black text looks on a background with the RYB color 207, 129, 128.

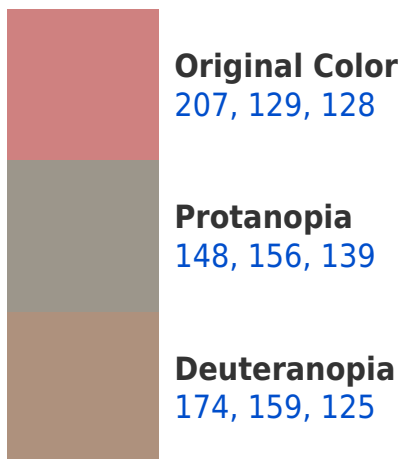


This preview shows how white text looks on a background with the RYB color 207, 129, 128.

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





Tritanopia
208, 128, 137

Trichromacy



Original Color
207, 129, 128

Protanomaly
175, 143, 135

Deuteranomaly
186, 143, 126

Tritanomaly
208, 128, 134

Monochromacy



Original Color
207, 129, 128

Achromatopsia
152, 152, 152

Achromatomaly
172, 144, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 129, 128 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(207, 129, 128) looks like.

```
.text, #text, p{  
    color:rgb(207, 129, 128)  
}
```

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(207, 129, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 129, 128) }
```

Border

The CSS property to change the border of an element to RYB 207, 129, 128 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(207, 129, 128) }
```

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

```
.border{ border-color:rgb(207, 129, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 129, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 129, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 129, 128); box-shadow:4px 4px 4px 4px rgb(207, 129, 128) }
```

Background

The CSS property to change the background color of an element to RGB 207, 129, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 129, 128) }
```

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

```
.background{ background-color: rgb(207,  
129, 128) }
```

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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