

Converting Colors

`RYB(228, 196, 178)`

Have a look what the booklet for
RYB(228, 196, 178) contains.

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Color

R_YB(228, 196, 178)

Conversions

Conversions Part 1

Format	Color
Hex	E4BFB2
RGB	228, 191, 178
RGB Percent	89%, 75%, 70%
CMY	0.1059, 0.2501, 0.3020
CMYK	0.00, 0.16, 0.22, 0.11
HSL	16°, 48%, 80%
HSV	16°, 22%, 89%
XYZ	58.7129, 57.0726, 50.0411
YIQ	200.5810, 26.2250, 3.8010

Conversions

Conversions Part 2

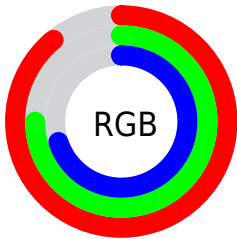
Format	Color
RYB	228, 196, 178
Decimal	14991282
CIELab	80.22, 11.09, 11.55
CIELCh	80, 16.013, 46.187
Yxy	57.0726, 0.3541, 0.3442
Android (android.graphics.Color)	4293181362 (0xFFE4BFB2)
YUV	200.5810, -11.1324, 24.0465
Hunter-Lab	75.5464, 6.5198, 13.6095

Details

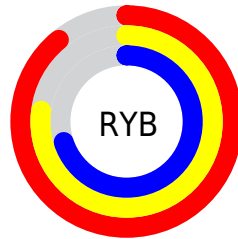
The RYB color **228, 196, 178** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **178, 199, 228**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **247, 255, 234**, and **172, 143, 125** is the 20% darker color. If you saturate the color by 10%, you get **228, 181, 155**, and if you desaturate by 10%, it is **228, 210, 201**.

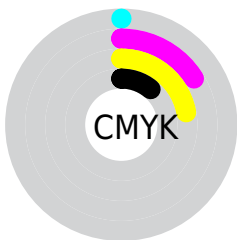
Distribution



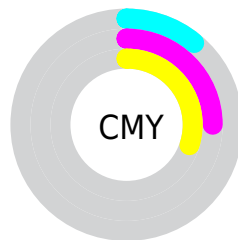
- Red (89%)
- Green (75%)
- Blue (70%)



- Red (89%)
- Yellow (77%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 196, 178 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 228, 196, 178 by changing the saturation by 10% instead.


 228, 196, 178

255, 255, 255

 245, 255, 234

 228, 196, 178

 200, 169, 151


 172, 143, 125

 145, 116, 100

 119, 93, 76

 93, 67, 54

 69, 46, 32

 46, 26, 10

 24, 0, 0

 0, 0, 0

■ 228, 196, 178

■ 228, 196, 178

■ 228, 181, 155

■ 228, 210, 201

■ 228, 168, 132

■ 228, 225, 224

■ 228, 152, 110

■ 228, 236, 246

■ 228, 137, 87

■ 228, 242, 255

■ 228, 122, 64

■ 228, 109, 41

■ 228, 94, 18

■ 228, 81, 0

Harmonies

Analogous

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



231, 189, 191



228, 196, 178



211, 218, 170

Triad

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



228, 196, 178



170, 194, 207



193, 197, 227

Complementary

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



228, 196, 178



178, 199, 228

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.



175, 193, 228



228, 196, 178



161, 185, 208

Square

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



228, 196, 178



178, 205, 198



163, 188, 220



212, 193, 220

Rectangle

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



228, 196, 178



181, 208, 169



163, 188, 220



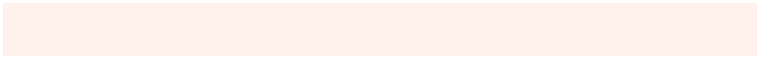
187, 196, 228

Sweetspot

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



228, 196, 178



255, 244, 237



228, 178, 216



128, 121, 117



0, 0, 0



128, 128, 128

Same Dimension

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



228, 196, 178



255, 212, 189



194, 228, 178



115, 107, 103



179, 64, 0



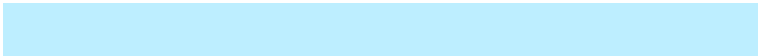
51, 19, 0

Inverse Universe

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



178, 199, 228



189, 217, 255



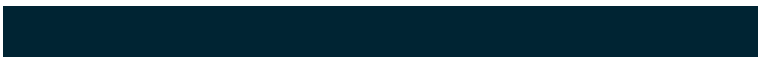
178, 188, 228



103, 108, 115



0, 76, 179



0, 21, 51

Previews

White Background



This preview shows how the RYB color 228, 196, 178 looks on a white background.

Color Contrast Check

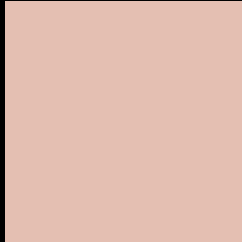
Large Text (above 18pt) WCAG AA × Fail

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 228, 196, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

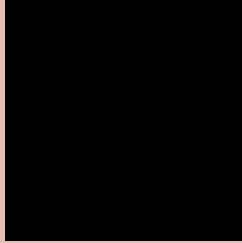
Any Text WCAG AA ✓ Pass

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 228, 196, 178 Background



This preview shows how black text looks on a background with the RYB color 228, 196, 178.






This preview shows how white text looks on a background with the RYB color 228, 196, 178.

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 228, 196, 178
	Protanopia 196, 207, 182
	Deuteranopia 226, 198, 178



Tritanopia
231, 188, 202

Trichromacy



Original Color
228, 196, 178

Protanomaly
215, 208, 181

Deuteranomaly
227, 198, 178

Tritanomaly
230, 189, 193

Monochromacy



Original Color
228, 196, 178

Achromatopsia
201, 201, 201

Achromatomaly
211, 198, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 196, 178 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(228, 191, 178)` looks like.

```
.text, #text, p{  
    color:rgb(228, 191, 178)  
}
```

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(228, 191, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 191, 178) }
```

Border

The CSS property to change the border of an element to RYB 228, 196, 178 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(228, 191, 178) }
```

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

```
.border{ border-color:rgb(228, 191, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 191, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 191, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 191, 178);  
box-shadow:4px 4px 4px 4px rgb(228, 191,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 228, 196, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 191, 178) }
```

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

```
.background{ background-color: rgb(228,  
191, 178) }
```

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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