

Converting Colors

`RYB(232, 198, 188)`

Have a look what the booklet for
RYB(232, 198, 188) contains.

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Color

R_YB(232, 198, 188)

Conversions

Conversions Part 1

Format	Color
Hex	E8C4BC
RGB	232, 196, 188
RGB Percent	91%, 77%, 74%
CMY	0.0902, 0.2308, 0.2627
CMYK	0.00, 0.15, 0.19, 0.09
HSL	11°, 49%, 82%
HSV	11°, 19%, 91%
XYZ	62.1292, 60.3334, 55.9479
YIQ	205.8520, 24.0240, 5.1440

Conversions

Conversions Part 2

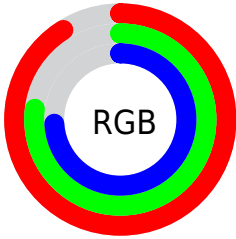
Format	Color
R _Y B	232, 198, 188
Decimal	15254716
CIE _{Lab}	82.02, 11.44, 8.81
CIE _{LCh}	82, 14.435, 37.600
Y _{xy}	60.3334, 0.3482, 0.3382
Android (android.graphics.Color)	4293444796 (0xFFE8C4BC)
Y _{UV}	205.8520, -8.8010, 22.9318
Hunter-Lab	77.6746, 6.8455, 11.6664

Details

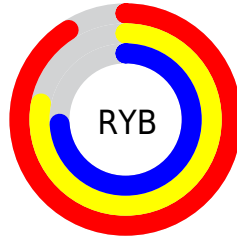
The RYB color **232, 198, 188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **188, 208, 232**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **246, 255, 244**, and **176, 143, 135** is the 20% darker color. If you saturate the color by 10%, you get **232, 180, 165**, and if you desaturate by 10%, it is **232, 216, 211**.

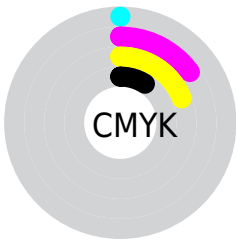
Distribution



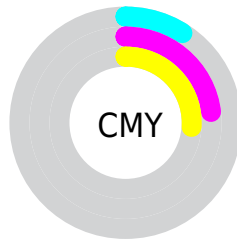
- Red (91%)
- Green (77%)
- Blue (74%)



- Red (91%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (9%)




- Cyan (9%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the RYB color 232, 198, 188 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 232, 198, 188 by changing the saturation by 10% instead.

 232, 198, 188

255, 255, 255

 246, 255, 244

 232, 198, 188

 204, 171, 161

 176, 143, 135

 149, 119, 110

 123, 94, 85


 97, 69, 62

 73, 47, 40


 49, 26, 20

 29, 0, 0


 0, 0, 0

 232, 198, 188

 232, 198, 188

 232, 180, 165


 232, 216, 211

 232, 161, 142

 232, 233, 234

 232, 144, 118

 232, 243, 255

 232, 127, 95

 232, 244, 255

 232, 109, 72

 232, 91, 49

 232, 73, 26

 232, 55, 2

 232, 53, 0

Harmonies

Analogous

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



232, 195, 201



232, 198, 188



224, 218, 179

Triad

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



232, 198, 188



181, 202, 211



194, 202, 231

Complementary

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



232, 198, 188



188, 208, 232

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.



178, 197, 229



232, 198, 188



171, 193, 212

Square

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



232, 198, 188



182, 208, 194



170, 193, 220



211, 199, 225

Rectangle

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



232, 198, 188



197, 216, 177



170, 193, 220



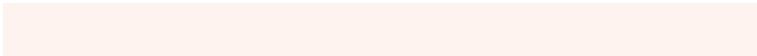
188, 200, 231

Sweetspot

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



232, 198, 188



255, 244, 240



232, 188, 224



128, 120, 119



0, 0, 0



128, 128, 128

Same Dimension

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



232, 198, 188



255, 210, 196



209, 232, 188



115, 105, 103



179, 40, 0



51, 11, 0

Inverse Universe

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



188, 208, 232



196, 222, 255



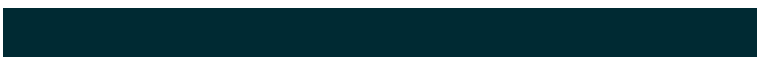
188, 199, 232



103, 108, 115



0, 80, 179



0, 23, 51

Previews

White Background



This preview shows how the RYB color 232, 198, 188 looks on a white background.

Color Contrast Check

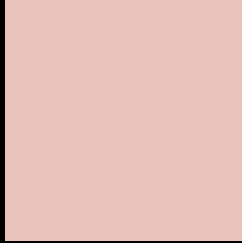
Large Text (above 18pt) WCAG AA × Fail

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 232, 198, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

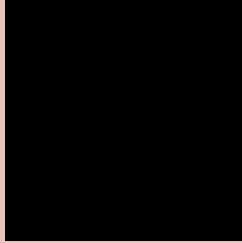
Any Text WCAG AA ✓ Pass

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 232, 198, 188 Background



This preview shows how black text looks on a background with the RYB color 232, 198, 188.

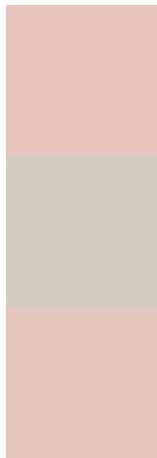


This preview shows how white text looks on a background with the RYB color 232, 198, 188.

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
232, 198, 188

Protanopia
206, 211, 192

Deuteranopia
230, 199, 188



Tritanopia
234, 193, 208

Trichromacy



Original Color

232, 198, 188

Protanomaly

219, 207, 191

Deuteranomaly

231, 199, 188

Tritanomaly

233, 194, 201

Monochromacy



Original Color

232, 198, 188

Achromatopsia

206, 206, 206

Achromatomaly

215, 203, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 196, 188 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(232, 196, 188) looks like.

```
.text, #text, p{  
    color:rgb(232, 196, 188)  
}
```

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(232, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 196, 188) }
```

Border

The CSS property to change the border of an element to RYB 232, 198, 188 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(232, 196, 188) }
```

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

```
.border{ border-color:rgb(232, 196, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 196, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 196, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 196, 188);  
box-shadow:4px 4px 4px 4px rgb(232, 196,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 232, 196, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 196, 188) }
```

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

```
.background{ background-color: rgb(232,  
196, 188) }
```

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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