

Converting Colors

`RYB(208, 228, 162)`

Have a look what the booklet for
RYB(208, 228, 162) contains.

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Color

R_YB(208, 228, 162)

Conversions

Conversions Part 1

Format	Color
Hex	E4C9A2
RGB	228, 201, 162
RGB Percent	89%, 79%, 64%
CMY	0.1059, 0.2122, 0.3647
CMYK	0.00, 0.12, 0.29, 0.11
HSL	35°, 55%, 76%
HSV	35°, 29%, 89%
XYZ	59.3782, 60.8260, 42.7934
YIQ	204.6270, 28.6110, -6.4050

Conversions

Conversions Part 2

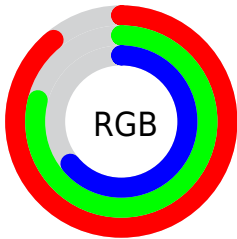
Format	Color
RYB	208, 228, 162
Decimal	14993826
CIELab	82.29, 3.79, 22.96
CIElCh	82, 23.268, 80.630
Yxy	60.8260, 0.3643, 0.3732
Android (android.graphics.Color)	4293183906 (0xFFE4C9A2)
YUV	204.6270, -21.0151, 20.4981
Hunter-Lab	77.9910, -0.5839, 22.0615

Details

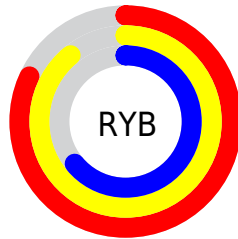
The RYB color **208, 228, 162** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **162, 181, 228**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **217, 255, 217**, and **152, 172, 110** is the 20% darker color. If you saturate the color by 10%, you get **199, 228, 139**, and if you desaturate by 10%, it is **216, 228, 185**.

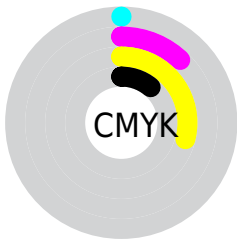
Distribution



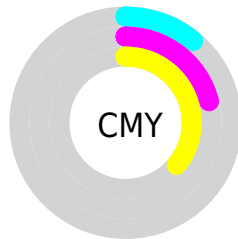
- Red (89%)
- Green (79%)
- Blue (64%)



- Red (82%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 228, 162 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 208, 228, 162 by changing the saturation by 10% instead.

 208, 228, 162


255, 255, 255

 217, 255, 217

 246, 255, 246

 208, 228, 162

 180, 200, 136

 152, 172, 110

 126, 145, 86

 96, 118, 62

 72, 93, 40

 46, 68, 18

 25, 45, 0

 20, 7, 0

 0, 0, 0


 208, 228, 162

 208, 228, 162

 199, 228, 139

 216, 228, 185

 194, 228, 116

 221, 228, 208

 187, 228, 94


 228, 229, 230

 182, 228, 71

 228, 235, 253

 174, 228, 48

 228, 239, 255

 165, 228, 25

 228, 242, 255

 160, 228, 2

 160, 228, 0

Harmonies

Analogous

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



244, 204, 172



208, 228, 162



164, 208, 167

Triad

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



208, 228, 162



145, 181, 219



226, 194, 233

Complementary

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



208, 228, 162



162, 181, 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.



200, 201, 245



208, 228, 162



149, 187, 238

Square

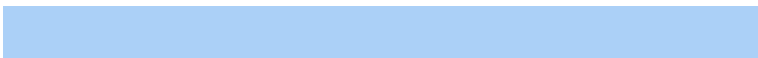
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208, 228, 162



158, 194, 217



171, 196, 247



244, 190, 212

Rectangle

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



208, 228, 162



171, 212, 194



171, 196, 247



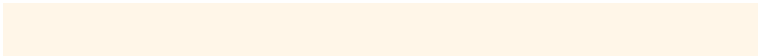
218, 197, 238

Sweetspot

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



208, 228, 162



247, 255, 232



228, 162, 189



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



208, 228, 162



229, 255, 166



162, 228, 167



112, 115, 103



126, 179, 0



36, 51, 0

Inverse Universe

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



162, 181, 228



166, 192, 255



168, 162, 228



103, 107, 115



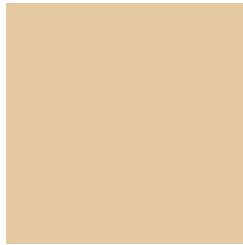
0, 52, 179



0, 15, 51

Previews

White Background



This preview shows how the RYB color 208, 228, 162 looks on a white background.

Color Contrast Check

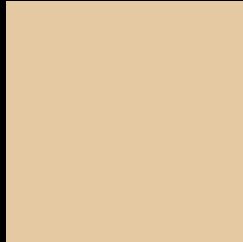
Large Text (above 18pt) WCAG AA × Fail

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 208, 228, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

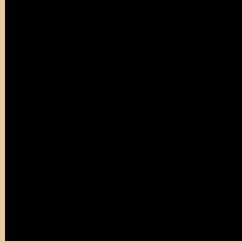
Any Text WCAG AA ✓ Pass

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 208, 228, 162 Background



This preview shows how black text looks on a background with the RYB color 208, 228, 162.



This preview shows how white text looks on a background with the RYB color 208, 228, 162.

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
208, 228, 162

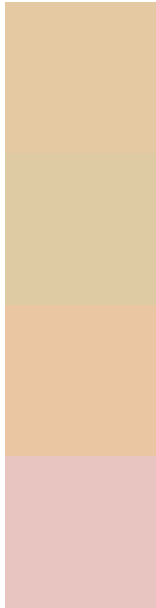
Protanopia
183, 218, 164

Deuteranopia
239, 225, 163



Tritanopia
234, 194, 209

Trichromacy



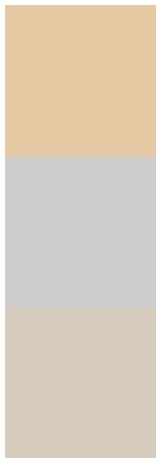
Original Color
208, 228, 162

Protanomaly
191, 222, 163

Deuteranomaly
235, 231, 163

Tritanomaly
232, 198, 192

Monochromacy



Original Color
208, 228, 162

Achromatopsia
205, 205, 205

Achromatomaly
203, 213, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 228, 162 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, 201, 162) looks like.

```
.text, #text, p{  
    color:rgb(228, 201, 162)  
}
```

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, 201, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 201, 162) }
```

Border

The CSS property to change the border of an element to RYB 208, 228, 162 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, 201, 162) }
```

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

```
.border{ border-color:rgb(228, 201, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 201, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 201, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 201, 162); box-shadow:4px 4px 4px 4px rgb(228, 201, 162) }
```

Background

The CSS property to change the background color of an element to RYB 208, 228, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 201, 162) }
```

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

```
.background{ background-color: rgb(228,  
201, 162) }
```

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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