

Converting Colors

`RYB(200, 227, 169)`

Have a look what the booklet for
RYB(200, 227, 169) contains.

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Color

R_YB(200, 227, 169)

Conversions

Conversions Part 1

Format	Color
Hex	E3CFA9
RGB	227, 207, 169
RGB Percent	89%, 81%, 66%
CMY	0.1098, 0.1890, 0.3373
CMYK	0.00, 0.09, 0.26, 0.11
HSL	39°, 51%, 78%
HSV	39°, 26%, 89%
XYZ	61.1038, 63.7232, 46.6154
YIQ	208.6480, 24.1180, -7.5780

Conversions

Conversions Part 2

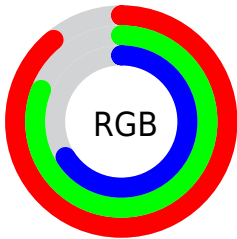
Format	Color
R _Y B	200, 227, 169
Decimal	14929833
CIE Lab	83.82, 1.27, 21.37
CIE LCh	84, 21.407, 86.605
Yxy	63.7232, 0.3564, 0.3717
Android (android.graphics.Color)	4293119913 (0xFFE3CFA9)
YUV	208.6480, -19.5465, 16.0947
Hunter-Lab	79.8268, -3.0631, 21.2560

Details

The RYB color **200, 227, 169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169, 184, 227**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **224, 255, 224**, and **144, 171, 117** is the 20% darker color. If you saturate the color by 10%, you get **189, 227, 146**, and if you desaturate by 10%, it is **210, 227, 192**.

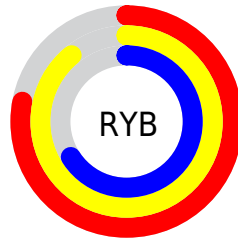
Distribution



Red (89%)

Green (81%)

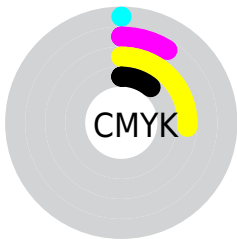
Blue (66%)



Red (78%)

Yellow (89%)

Blue (66%)

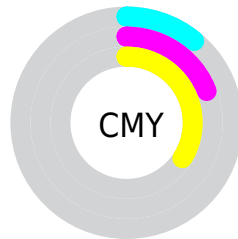


Cyan (0%)

Magenta (9%)

Yellow (26%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 227, 169 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 200, 227, 169 by changing the saturation by 10% instead.


 200, 227, 169


255, 255, 255

 224, 255, 224


253, 255, 253

 200, 227, 169


 173, 199, 142

 144, 171, 117

 117, 144, 92

 92, 118, 68

 67, 93, 45

 42, 68, 24

 16, 46, 0

 16, 21, 0

 0, 0, 0

 200, 227, 169

 200, 227, 169

 189, 227, 146


 210, 227, 192

 179, 227, 124


 220, 227, 214

 169, 227, 101


 227, 230, 237

 158, 227, 78

 227, 235, 255

 148, 227, 56


 227, 238, 255

 138, 227, 33

 227, 241, 255

 127, 227, 10

 227, 241, 255

 121, 227, 0

Harmonies

Analogous

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



243, 213, 176



200, 227, 169



173, 213, 181

Triad

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



200, 227, 169



155, 189, 226



233, 198, 231

Complementary

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



200, 227, 169



169, 184, 227

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.



210, 205, 245



200, 227, 169



162, 195, 242

Square

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



200, 227, 169



163, 196, 221



183, 203, 249



248, 195, 212

Rectangle

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



200, 227, 169



181, 217, 208



183, 203, 249



226, 200, 237

Sweetspot

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



200, 227, 169



246, 255, 235



227, 169, 189



123, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



200, 227, 169



219, 255, 176



169, 227, 178



109, 115, 103



97, 179, 0



28, 51, 0

Inverse Universe

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



169, 184, 227



176, 196, 255



178, 169, 227



103, 106, 115



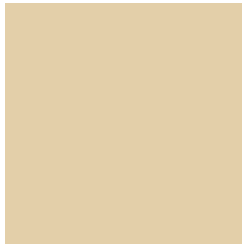
0, 46, 179



0, 13, 51

Previews

White Background



This preview shows how the RYB color 200, 227, 169 looks on a white background.

Color Contrast Check

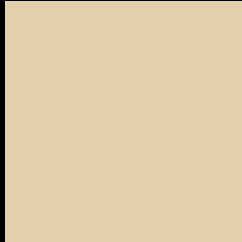
Large Text (above 18pt) WCAG AA × Fail

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 200, 227, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

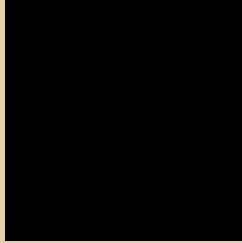
Any Text WCAG AA ✓ Pass

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 200, 227, 169 Background



This preview shows how black text looks on a background with the RYB color 200, 227, 169.



This preview shows how white text looks on a background with the RYB color 200, 227, 169.

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](#).

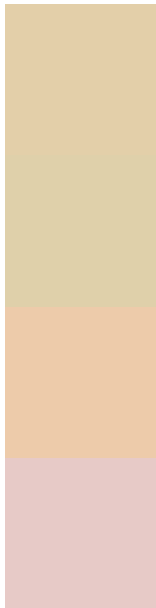
Dichromacy





Tritanopia
233, 200, 216

Trichromacy



Original Color

200, 227, 169

Protanomaly

191, 223, 170

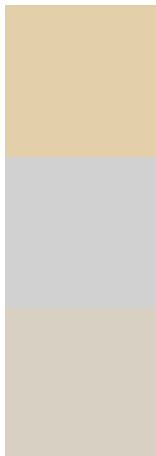
Deuteranomaly

237, 235, 170

Tritanomaly

231, 202, 199

Monochromacy



Original Color

200, 227, 169

Achromatopsia

209, 209, 209

Achromatomaly

207, 216, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 227, 169 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(227, 207, 169)` looks like.

```
.text, #text, p{  
    color:rgb(227, 207, 169)  
}
```

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(227, 207, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 207, 169) }
```

Border

The CSS property to change the border of an element to RYB 200, 227, 169 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(227, 207, 169) }
```

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

```
.border{ border-color:rgb(227, 207, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 207, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 207, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 207, 169);  
box-shadow:4px 4px 4px 4px rgb(227, 207,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 200, 227, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 207, 169) }
```

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

```
.background{ background-color: rgb(227,  
207, 169) }
```

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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