

Converting Colors

`RYB(200, 231, 179)`

Have a look what the booklet for
RYB(200, 231, 179) contains.

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Color

R_YB(200, 231, 179)

Conversions

Conversions Part 1

Format	Color
Hex	E7D8B3
RGB	231, 216, 179
RGB Percent	91%, 85%, 70%
CMY	0.0941, 0.1528, 0.2980
CMYK	0.00, 0.06, 0.23, 0.09
HSL	43°, 52%, 80%
HSV	43°, 23%, 91%
XYZ	65.6581, 69.3764, 52.5783
YIQ	216.2670, 20.8170, -8.3270

Conversions

Conversions Part 2

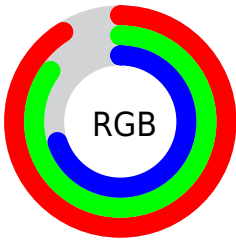
Format	Color
R _Y B	200, 231, 179
Decimal	15194291
CIE Lab	86.69, -0.63, 20.14
CIE LCh	87, 20.154, 91.797
Yxy	69.3764, 0.3500, 0.3698
Android (android.graphics.Color)	4293384371 (0xFFE7D8B3)
YUV	216.2670, -18.3726, 12.9208
Hunter-Lab	83.2925, -5.0533, 20.8780

Details

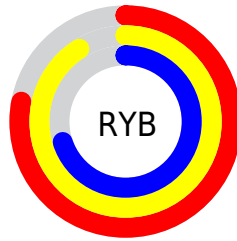
The RYB color **200, 231, 179** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **179, 191, 231**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **235, 255, 235**, and **146, 175, 126** is the 20% darker color. If you saturate the color by 10%, you get **187, 231, 156**, and if you desaturate by 10%, it is **213, 231, 202**.

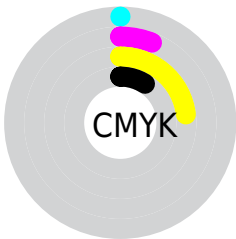
Distribution



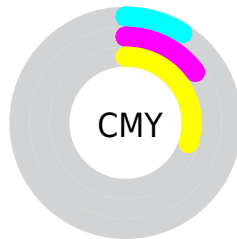
- Red (91%)
- Green (85%)
- Blue (70%)



- Red (78%)
- Yellow (91%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 231, 179 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, 231, 179 by changing the saturation by 10% instead.


 200, 231, 179


255, 255, 255


 235, 255, 235

 200, 231, 179

 173, 203, 152

 146, 175, 126

 119, 148, 101

 93, 122, 77

 67, 96, 54

 45, 72, 32

 20, 49, 10

 9, 27, 0

 0, 0, 0

 200, 231, 179

 200, 231, 179

 187, 231, 156


 213, 231, 202

 172, 231, 133


 228, 231, 225


 159, 231, 110

 231, 235, 248

 146, 231, 87


 231, 239, 255


 130, 231, 63

 231, 241, 255

 117, 231, 40

 231, 243, 255

 102, 231, 17

 92, 231, 0

Harmonies

Analogous

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



248, 228, 184



200, 231, 179



184, 222, 196

Triad

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



200, 231, 179



166, 199, 236



243, 206, 235

Complementary

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



200, 231, 179



179, 191, 231

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.



222, 212, 249



200, 231, 179



176, 205, 250

Square

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



200, 231, 179



172, 203, 228



197, 212, 255



255, 204, 217

Rectangle

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



200, 231, 179



193, 225, 223



197, 212, 255



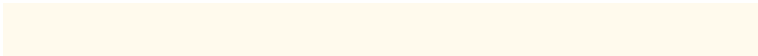
237, 208, 241

Sweetspot

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



200, 231, 179



244, 255, 237



231, 179, 195



121, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



200, 231, 179



214, 255, 186



179, 231, 189



109, 115, 103



73, 179, 0



21, 51, 0

Inverse Universe

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



179, 191, 231



186, 202, 255



189, 179, 231



103, 106, 115



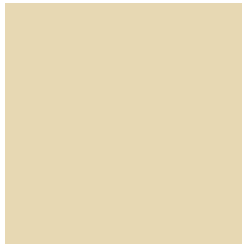
0, 40, 179



0, 12, 51

Previews

White Background



This preview shows how the RYB color 200, 231, 179 looks on a white background.

Color Contrast Check

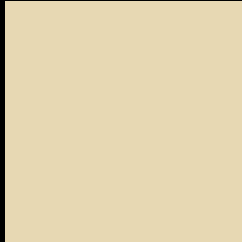
Large Text (above 18pt) WCAG AA × Fail

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, 231, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

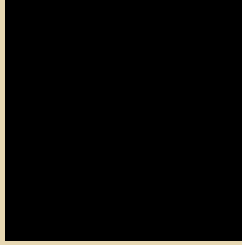
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

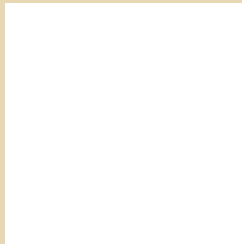
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 200, 231, 179 Background



This preview shows how black text looks on a background with the RYB color 200, 231, 179.

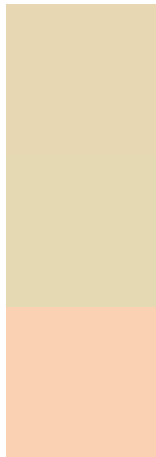


This preview shows how white text looks on a background with the RYB color 200, 231, 179.

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
200, 231, 179

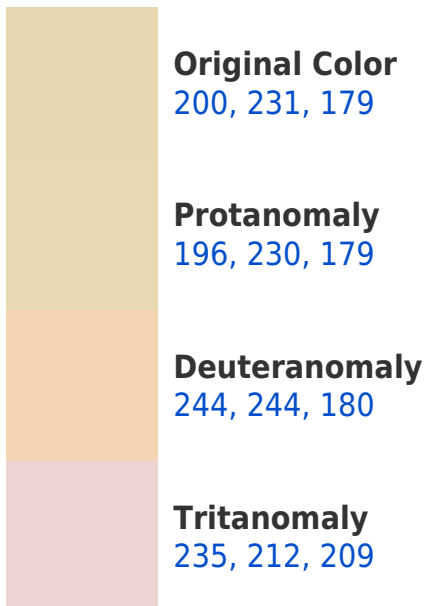
Protanopia
195, 229, 179

Deuteranopia
251, 229, 180



Tritanopia
237, 209, 226

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 231, 179 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(231, 216, 179)` looks like.

```
.text, #text, p{  
    color:rgb(231, 216, 179)  
}
```

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(231, 216, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 216, 179) }
```

Border

The CSS property to change the border of an element to RYB 200, 231, 179 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(231, 216, 179) }
```

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

```
.border{ border-color:rgb(231, 216, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 216, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 216, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 216, 179);  
box-shadow:4px 4px 4px 4px rgb(231, 216,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 200, 231, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 216, 179) }
```

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

```
.background{ background-color: rgb(231,  
216, 179) }
```

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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