

Converting Colors

`RYB(185, 230, 183)`

Have a look what the booklet for
RYB(185, 230, 183) contains.

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Color

R_YB(185, 230, 183)

Conversions

Conversions Part 1

Format	Color
Hex	E6E4B7
RGB	230, 228, 183
RGB Percent	90%, 89%, 72%
CMY	0.0980, 0.1056, 0.2824
CMYK	0.00, 0.01, 0.20, 0.10
HSL	58°, 48%, 81%
HSV	58°, 20%, 90%
XYZ	68.9462, 75.7736, 55.7917
YIQ	223.4680, 15.6370, -13.5710

Conversions

Conversions Part 2

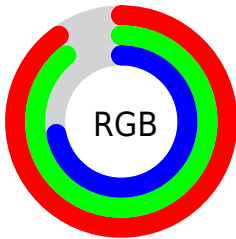
Format	Color
R_{YB}	185, 230, 183
Decimal	15131831
CIE _{Lab}	89.75, -6.58, 22.29
CIE _{LCh}	90, 23.244, 106.446
Yxy	75.7736, 0.3439, 0.3779
Android (android.graphics.Color)	4293321911 (0xFFE6E4B7)
YUV	223.4680, -19.9507, 5.7286
Hunter-Lab	87.0480, -10.9535, 22.9329

Details

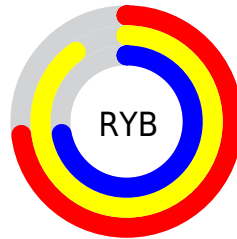
The RYB color **185, 230, 183** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **183, 185, 230**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **239, 255, 239**, and **131, 174, 130** is the 20% darker color. If you saturate the color by 10%, you get **163, 230, 160**, and if you desaturate by 10%, it is **207, 230, 206**.

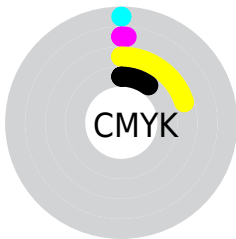
Distribution



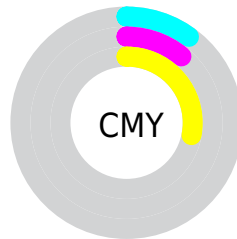
- Red (90%)
- Green (89%)
- Blue (72%)



- Red (73%)
- Yellow (90%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 230, 183 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 185, 230, 183 by changing the saturation by 10% instead.


 185, 230, 183

255, 255, 255


 239, 255, 239

 185, 230, 183

 158, 202, 156

 131, 174, 130

 106, 147, 105

 80, 121, 80

 57, 96, 57

 35, 72, 35

 13, 50, 15

 0, 29, 2

 0, 0, 0

 185, 230, 183

 185, 230, 183

 163, 230, 160

 207, 230, 206

 141, 230, 137

 229, 230, 229

 119, 230, 114

 230, 231, 252

 97, 230, 91

 230, 232, 255

 75, 230, 68

 230, 233, 255

 53, 230, 45

 230, 233, 255

 30, 230, 22

 230, 234, 255

 9, 230, 0

 230, 235, 255

 230, 235, 255

Harmonies

Analogous

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



239, 252, 183



185, 230, 183



195, 234, 224

Triad

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



185, 230, 183



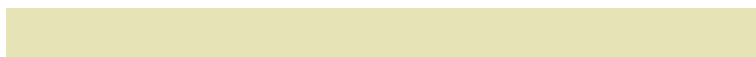
169, 207, 255



255, 211, 237

Complementary

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



185, 230, 183



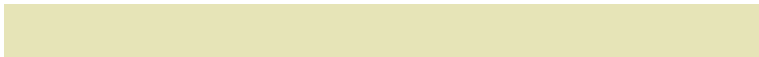
183, 185, 230

Split Complementary

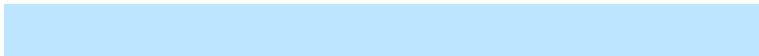
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244, 216, 255



185, 230, 183



188, 214, 255

Square

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



185, 230, 183



167, 204, 239



216, 222, 255



255, 210, 214

Rectangle

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



185, 230, 183



188, 223, 237



216, 222, 255



255, 212, 244

Sweetspot

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



185, 230, 183



241, 255, 240



230, 183, 185



120, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

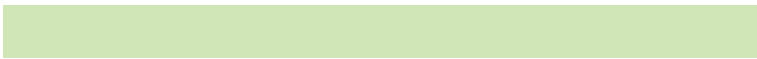
The Same Dimension uses a secret algorithm to generate beautiful new colors.



185, 230, 183



194, 255, 191



183, 230, 204



104, 115, 103



8, 179, 0



2, 51, 0

Inverse Universe

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



183, 185, 230



191, 194, 255



204, 183, 230



103, 104, 115



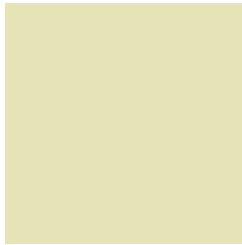
0, 7, 179



0, 2, 51

Previews

White Background



This preview shows how the RYB color 185, 230, 183 looks on a white background.

Color Contrast Check

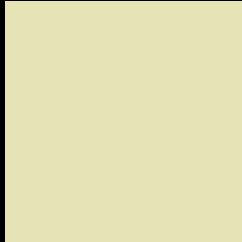
Large Text (above 18pt) WCAG AA × Fail

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 185, 230, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

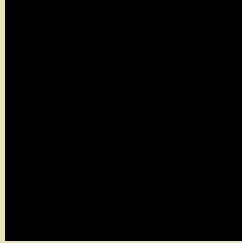
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

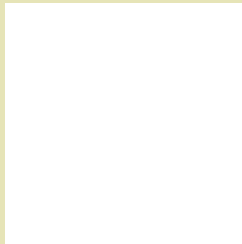
Any Text WCAG AAA ✓ Pass

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

RYB 185, 230, 183 Background



This preview shows how black text looks on a background with the RYB color 185, 230, 183.

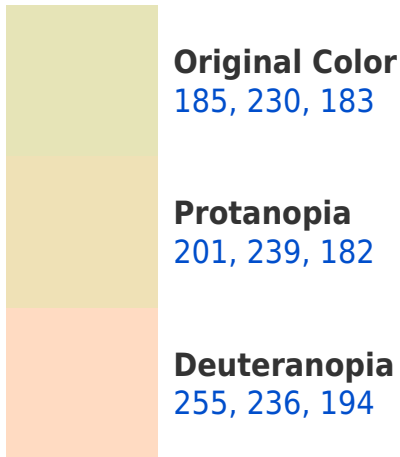


This preview shows how white text looks on a background with the RYB color 185, 230, 183.

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

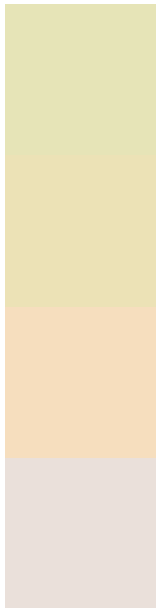




Tritanopia

237, 221, 238

Trichromacy



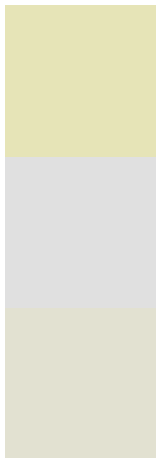
Original Color
185, 230, 183

Protanomaly
194, 236, 182

Deuteranomaly
232, 246, 190

Tritanomaly
234, 228, 218

Monochromacy



Original Color
185, 230, 183

Achromatopsia
224, 224, 224

Achromatomaly
210, 226, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 230, 183 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(230, 228, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 183)  
}
```

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(230, 228, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 183) }
```

Border

The CSS property to change the border of an element to RYB 185, 230, 183 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(230, 228, 183) }
```

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

```
.border{ border-color:rgb(230, 228, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 228, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 183);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 185, 230, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 228, 183) }
```

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

```
.background{ background-color: rgb(230,  
228, 183) }
```

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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