

Converting Colors

`RYB(185, 228, 184)`

Have a look what the booklet for
RYB(185, 228, 184) contains.

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Color

R_YB(185, 228, 184)

Conversions

Conversions Part 1

Format	Color
Hex	E4E3B8
RGB	228, 227, 184
RGB Percent	89%, 89%, 72%
CMY	0.1059, 0.1097, 0.2784
CMYK	0.00, 0.00, 0.19, 0.11
HSL	59°, 45%, 81%
HSV	59°, 19%, 89%
XYZ	68.1218, 74.9050, 56.2151
YIQ	222.3970, 14.3990, -13.1610

Conversions

Conversions Part 2

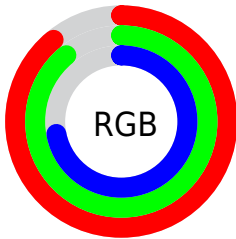
Format	Color
RYB	185, 228, 184
Decimal	15000504
CIELab	89.35, -6.63, 21.19
CIELCh	89, 22.203, 107.374
Yxy	74.9050, 0.3419, 0.3760
Android (android.graphics.Color)	4293190584 (0xFFE4E3B8)
YUV	222.3970, -18.9297, 4.9138
Hunter-Lab	86.5477, -10.9608, 22.0729

Details

The RYB color **185, 228, 184** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **184, 185, 228**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **240, 255, 240**, and **131, 172, 131** is the 20% darker color. If you saturate the color by 10%, you get **162, 228, 161**, and if you desaturate by 10%, it is **207, 228, 207**.

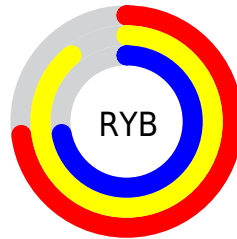
Distribution



Red (89%)

Green (89%)

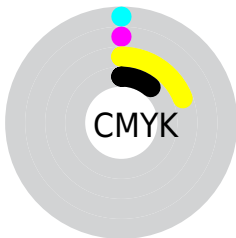
Blue (72%)



Red (73%)

Yellow (89%)

Blue (72%)

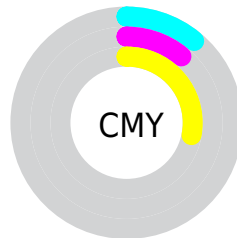


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 228, 184 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, 228, 184 by changing the saturation by 10% instead.

 185, 228, 184

255, 255, 255

 240, 255, 240

 185, 228, 184


 158, 200, 157

 131, 172, 131

 105, 145, 105

 81, 120, 82

 58, 95, 59

 36, 71, 37

 14, 49, 16

 0, 28, 2

 0, 0, 0

185, 228, 184

185, 228, 184

162, 228, 161

207, 228, 207

140, 228, 138

228, 228, 230

118, 228, 116

228, 229, 252

96, 228, 93

228, 229, 255

74, 228, 70

228, 230, 255

51, 228, 47

228, 231, 255

29, 228, 24

228, 231, 255

7, 228, 2

5, 228, 0

Harmonies

Analogous

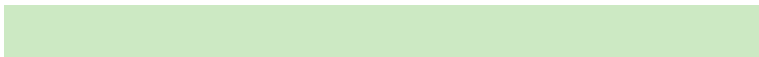
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 250, 184



185, 228, 184



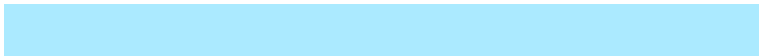
195, 233, 224

Triad

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



185, 228, 184



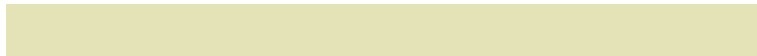
171, 207, 255



255, 211, 234

Complementary

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



185, 228, 184



184, 185, 228

Split Complementary

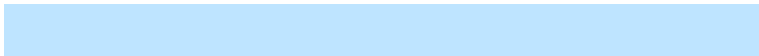
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 215, 253



185, 228, 184



190, 214, 255

Square

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



185, 228, 184



169, 203, 237



217, 221, 255



255, 210, 213

Rectangle

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



185, 228, 184



188, 221, 235



217, 221, 255



255, 212, 241

Sweetspot

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



185, 228, 184



240, 255, 240



228, 184, 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, 228, 184



197, 255, 196



184, 228, 205



104, 115, 103



4, 179, 0



1, 51, 0

Inverse Universe

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



184, 185, 228



196, 198, 255



205, 184, 228



103, 104, 115



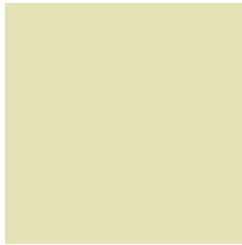
0, 4, 179



0, 1, 51

Previews

White Background



This preview shows how the RYB color 185, 228, 184 looks on a white background.

Color Contrast Check

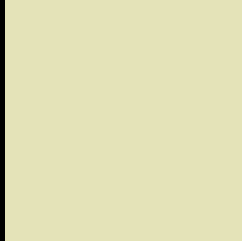
Large Text (above 18pt) WCAG AA × Fail

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, 228, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

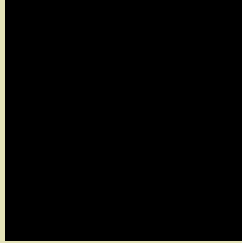
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

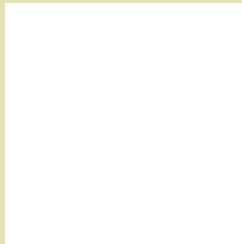
Any Text WCAG AAA ✓ Pass

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

RYB 185, 228, 184 Background



This preview shows how black text looks on a background with the RYB color 185, 228, 184.

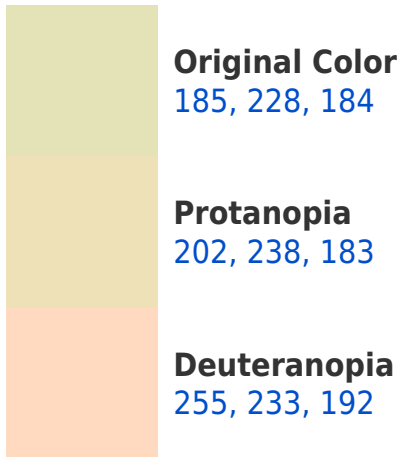


This preview shows how white text looks on a background with the RYB color 185, 228, 184.

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](#).

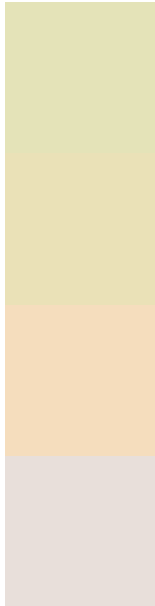
Dichromacy





Tritanopia
235, 220, 237

Trichromacy



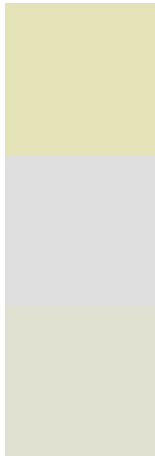
Original Color
185, 228, 184

Protanomaly
194, 234, 183

Deuteranomaly
231, 245, 189

Tritanomaly
232, 226, 218

Monochromacy



Original Color
185, 228, 184

Achromatopsia
222, 222, 222

Achromatomaly
208, 224, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 228, 184 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, 227, 184)` looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 184)  
}
```

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, 227, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 184) }
```

Border

The CSS property to change the border of an element to RYB 185, 228, 184 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, 227, 184) }
```

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

```
.border{ border-color:rgb(228, 227, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 227, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 184);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 185, 228, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 184) }
```

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

```
.background{ background-color: rgb(228,  
227, 184) }
```

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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