

Converting Colors

`RYB(206, 227, 185)`

Have a look what the booklet for
RYB(206, 227, 185) contains.

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Color

R_YB(206, 227, 185)

Conversions

Conversions Part 1

Format	Color
Hex	E3D5B9
RGB	227, 213, 185
RGB Percent	89%, 84%, 73%
CMY	0.1098, 0.1647, 0.2745
CMYK	0.00, 0.06, 0.19, 0.11
HSL	40°, 43%, 81%
HSV	40°, 19%, 89%
XYZ	64.2298, 67.4222, 55.5275
YIQ	213.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

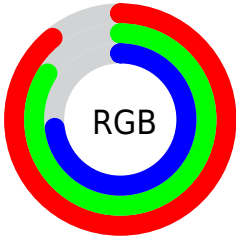
Format	Color
R _Y B	206, 227, 185
Decimal	14931385
CIE Lab	85.72, 0.33, 15.58
CIE LCh	86, 15.589, 88.769
Yxy	67.4222, 0.3431, 0.3602
Android (android.graphics.Color)	4293121465 (0xFFE3D5B9)
YUV	213.9940, -14.2940, 11.4063
Hunter-Lab	82.1110, -4.0661, 17.3829

Details

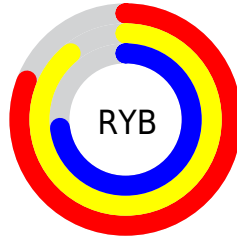
The RYB color **206, 227, 185** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **185, 196, 227**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **241, 255, 241**, and **152, 171, 132** is the 20% darker color. If you saturate the color by 10%, you get **195, 227, 162**, and if you desaturate by 10%, it is **217, 227, 208**.

Distribution



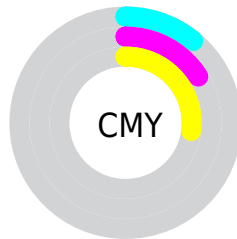
- Red (89%)
- Green (84%)
- Blue (73%)



- Red (81%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 227, 185 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 206, 227, 185 by changing the saturation by 10% instead.

 206, 227, 185

255, 255, 255


 241, 255, 241

 206, 227, 185


 179, 199, 158

 152, 171, 132

 127, 145, 107

 100, 119, 82

 75, 94, 59

 51, 70, 37

 30, 47, 17

 12, 26, 0

 0, 0, 0

■ 206, 227, 185

■ 206, 227, 185

■ 195, 227, 162

■ 217, 227, 208

■ 184, 227, 140

■ 227, 228, 230

■ 173, 227, 117

■ 227, 234, 253

■ 160, 227, 94

■ 227, 237, 255

■ 150, 227, 72

■ 227, 240, 255

■ 137, 227, 49

■ 227, 241, 255

■ 127, 227, 26

■ 116, 227, 3

■ 114, 227, 0

Harmonies

Analogous

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



240, 218, 190



206, 227, 185



188, 218, 195

Triad

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



206, 227, 185



177, 201, 228



233, 206, 230

Complementary

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



206, 227, 185



185, 196, 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.



216, 211, 240



206, 227, 185



183, 205, 239

Square

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



206, 227, 185



181, 205, 223



198, 211, 243



244, 204, 215

Rectangle

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



206, 227, 185



195, 220, 216



198, 211, 243



228, 208, 234

Sweetspot

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



206, 227, 185



248, 255, 240



227, 185, 199



124, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



206, 227, 185



228, 255, 199



185, 227, 192



109, 115, 103



90, 179, 0



26, 51, 0

Inverse Universe

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



185, 196, 227



199, 213, 255



192, 185, 227



103, 106, 115



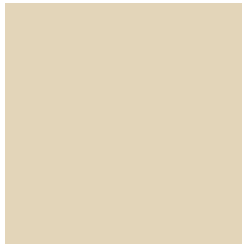
0, 44, 179



0, 13, 51

Previews

White Background



This preview shows how the RYB color 206, 227, 185 looks on a white background.

Color Contrast Check

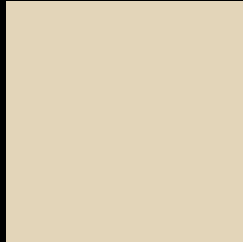
Large Text (above 18pt) WCAG AA × Fail

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 206, 227, 185 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

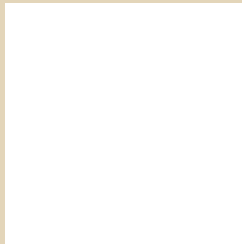
Any Text WCAG AAA ✓ Pass

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

R/Y/B 206, 227, 185 Background



This preview shows how black text looks on a background with the R/Y/B color 206, 227, 185.

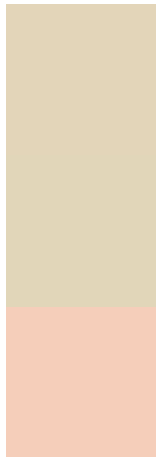


This preview shows how white text looks on a background with the R/Y/B color 206, 227, 185.

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
206, 227, 185

Protanopia
200, 225, 185

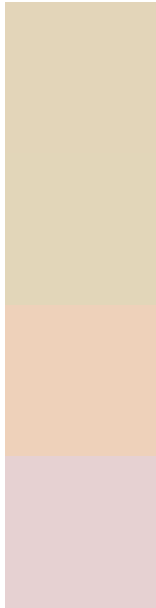
Deuteranopia
245, 216, 186



Tritanopia

232, 207, 224

Trichromacy



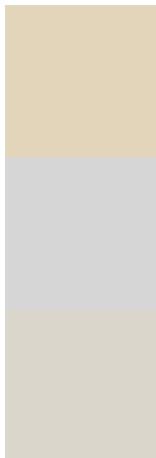
Original Color
206, 227, 185

Protanomaly
202, 226, 185

Deuteranomaly
238, 227, 186

Tritanomaly
230, 209, 210

Monochromacy



Original Color
206, 227, 185

Achromatopsia
214, 214, 214

Achromatomaly
210, 219, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 227, 185 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, 213, 185) looks like.

```
.text, #text, p{  
    color:rgb(227, 213, 185)  
}
```

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, 213, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 213, 185) }
```

Border

The CSS property to change the border of an element to RYB 206, 227, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

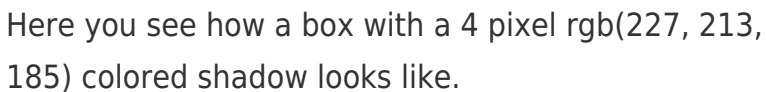
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 213, 185) }
```

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

```
.border{ border-color:rgb(227, 213, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 213, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 213, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 213, 185);  
box-shadow:4px 4px 4px 4px rgb(227, 213,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 206, 227, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 213, 185) }
```

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

```
.background{ background-color: rgb(227,  
213, 185) }
```

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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