

Converting Colors

`RYB(211, 227, 187)`

Have a look what the booklet for
RYB(211, 227, 187) contains.

RYB(211, 227, 187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(211, 227, 187)

Conversions

Conversions Part 1

Format	Color
Hex	E3D4BB
RGB	227, 212, 187
RGB Percent	89%, 83%, 73%
CMY	0.1098, 0.1686, 0.2667
CMYK	0.00, 0.07, 0.18, 0.11
HSL	38°, 42%, 81%
HSV	38°, 18%, 89%
XYZ	64.1917, 67.0057, 56.5638
YIQ	213.6350, 16.9650, -4.5950

Conversions

Conversions Part 2

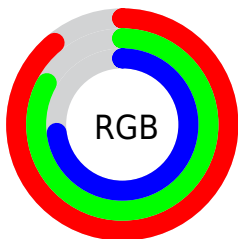
Format	Color
R_{YB}	211, 227, 187
Decimal	14931131
CIE _{Lab}	85.51, 1.15, 14.24
CIE _{LCh}	86, 14.282, 85.370
Yxy	67.0057, 0.3419, 0.3569
Android (android.graphics.Color)	4293121211 (0xFFE3D4BB)
YUV	213.6350, -13.1311, 11.7211
Hunter-Lab	81.8570, -3.2714, 16.3301

Details

The RYB color **211, 227, 187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 198, 227**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **243, 255, 243**, and **157, 171, 134** is the 20% darker color. If you saturate the color by 10%, you get **203, 227, 164**, and if you desaturate by 10%, it is **219, 227, 210**.

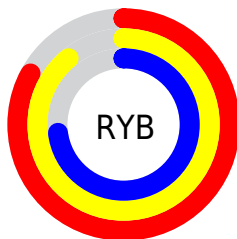
Distribution



Red (89%)

Green (83%)

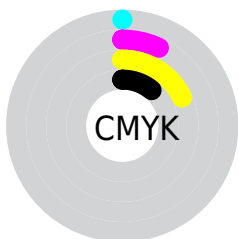
Blue (73%)



Red (83%)

Yellow (89%)

Blue (73%)

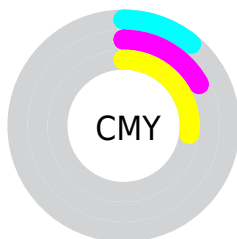


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 227, 187 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 211, 227, 187 by changing the saturation by 10% instead.

■ 211, 227, 187

255, 255, 255

■ 243, 255, 243

■ 211, 227, 187

■ 184, 199, 160

■ 157, 171, 134

■ 131, 145, 108

■ 105, 119, 84

■ 80, 94, 61

■ 56, 70, 39

■ 31, 47, 18

■ 14, 26, 0

■ 0, 0, 0

■ 211, 227, 187

■ 211, 227, 187

■ 203, 227, 164

■ 219, 227, 210

■ 193, 227, 142

■ 227, 228, 232

■ 185, 227, 119

■ 227, 235, 255

■ 174, 227, 96

■ 227, 238, 255

■ 167, 227, 74

■ 227, 241, 255

■ 157, 227, 51

■ 148, 227, 28

■ 138, 227, 5

■ 136, 227, 0

Harmonies

Analogous

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



238, 217, 192



211, 227, 187



189, 216, 193

Triad

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



211, 227, 187



179, 201, 225



230, 207, 229

Complementary

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



211, 227, 187



187, 198, 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.



214, 211, 238



211, 227, 187



184, 205, 235

Square

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



211, 227, 187



185, 207, 222



197, 210, 240



240, 205, 216

Rectangle

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



211, 227, 187



194, 219, 211



197, 210, 240



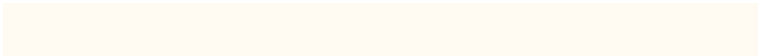
225, 208, 233

Sweetspot

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



211, 227, 187



250, 255, 242



227, 187, 202



125, 128, 120



0, 0, 0



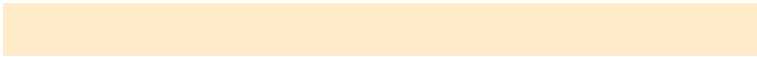
128, 128, 128

Same Dimension

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



211, 227, 187



233, 255, 201



187, 227, 192



112, 115, 103



107, 179, 0



30, 51, 0

Inverse Universe

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



187, 198, 227



201, 216, 255



192, 187, 227



103, 107, 115



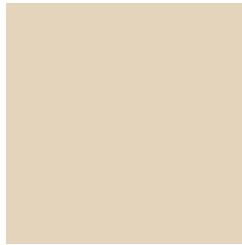
0, 49, 179



0, 14, 51

Previews

White Background



This preview shows how the RYB color 211, 227, 187 looks on a white background.

Color Contrast Check

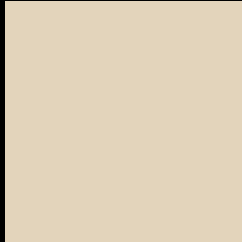
Large Text (above 18pt) WCAG AA × Fail

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 211, 227, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

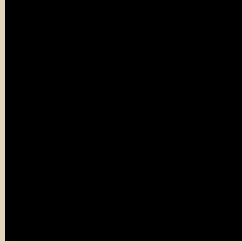
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

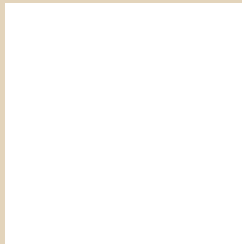
Any Text WCAG AAA ✓ Pass

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

RYB 211, 227, 187 Background



This preview shows how black text looks on a background with the RYB color 211, 227, 187.

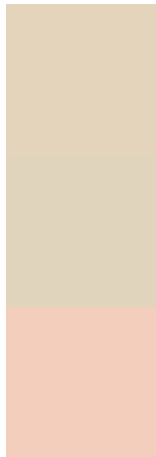


This preview shows how white text looks on a background with the RYB color 211, 227, 187.

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
211, 227, 187

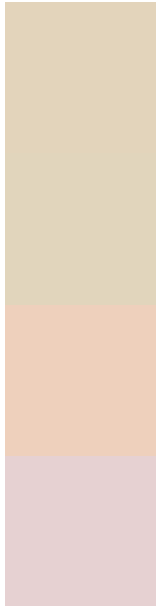
Protanopia
204, 224, 188

Deuteranopia
244, 215, 188



Tritanopia
232, 207, 223

Trichromacy



Original Color

211, 227, 187

Protanomaly

206, 225, 188

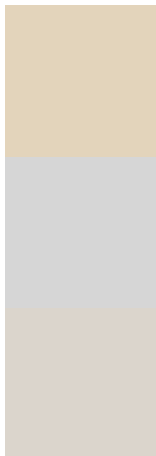
Deuteranomaly

238, 221, 188

Tritanomaly

230, 209, 210

Monochromacy



Original Color

211, 227, 187

Achromatopsia

214, 214, 214

Achromatomaly

214, 219, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 227, 187 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, 212, 187) looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 187)  
}
```

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, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 187) }
```

Border

The CSS property to change the border of an element to RYB 211, 227, 187 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, 212, 187) }
```

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

```
.border{ border-color:rgb(227, 212, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 212, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 187);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 211, 227, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 187) }
```

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

```
.background{ background-color: rgb(227,  
212, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor