

Converting Colors

`RYB(193, 226, 177)`

Have a look what the booklet for
RYB(193, 226, 177) contains.

RYB(193, 226, 177)	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(193, 226, 177)

Conversions

Conversions Part 1

Format	Color
Hex	E2D6B1
RGB	226, 214, 177
RGB Percent	89%, 84%, 69%
CMY	0.1137, 0.1610, 0.3059
CMYK	0.00, 0.05, 0.22, 0.11
HSL	45°, 46%, 79%
HSV	45°, 22%, 89%
XYZ	63.3308, 67.4051, 51.2676
YIQ	213.3700, 19.0290, -8.9630

Conversions

Conversions Part 2

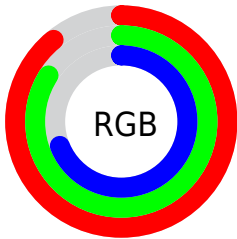
Format	Color
RYB	193, 226, 177
Decimal	14866097
CIELab	85.71, -1.68, 19.77
CIELCh	86, 19.837, 94.871
Yxy	67.4051, 0.3480, 0.3704
Android (android.graphics.Color)	4293056177 (0xFFE2D6B1)
YUV	213.3700, -17.9304, 11.0765
Hunter-Lab	82.1006, -5.9845, 20.4469

Details

The RYB color **193, 226, 177** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177, 187, 226**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **233, 255, 233**, and **138, 170, 124** is the 20% darker color. If you saturate the color by 10%, you get **178, 226, 154**, and if you desaturate by 10%, it is **208, 226, 200**.

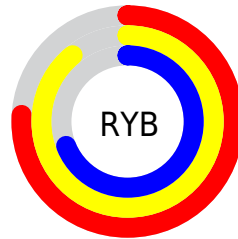
Distribution



Red (89%)

Green (84%)

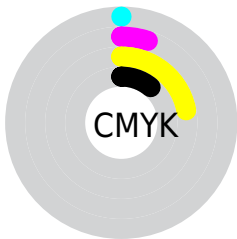
Blue (69%)



Red (76%)

Yellow (89%)

Blue (69%)

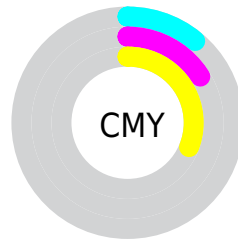


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 226, 177 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 193, 226, 177 by changing the saturation by 10% instead.

■ 193, 226, 177

255, 255, 255

■ 233, 255, 233

■ 193, 226, 177

■ 166, 198, 150

■ 138, 170, 124

■ 112, 143, 99

■ 86, 117, 75

■ 62, 92, 52

■ 39, 68, 30

■ 15, 45, 8

■ 5, 23, 0

■ 0, 0, 0

 193, 226, 177

 193, 226, 177

 178, 226, 154

 208, 226, 200

 162, 226, 132

 223, 226, 222

 148, 226, 109

 226, 230, 245

 132, 226, 87

 226, 233, 255

 117, 226, 64


 226, 236, 255

 100, 226, 41

 226, 238, 255

 87, 226, 19

 226, 240, 255

 74, 226, 0

 226, 241, 255

Harmonies

Analogous

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



243, 229, 181



193, 226, 177



183, 220, 198

Triad

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



193, 226, 177



165, 197, 235



242, 203, 231

Complementary

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



193, 226, 177



177, 187, 226

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, 208, 245



193, 226, 177



176, 204, 248

Square

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



193, 226, 177



169, 199, 225



197, 211, 251



253, 201, 212

Rectangle

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



193, 226, 177



191, 222, 223



197, 211, 251



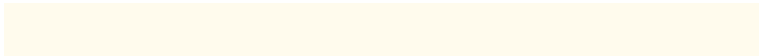
236, 205, 236

Sweetspot

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



193, 226, 177



242, 255, 237



226, 177, 189



121, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



193, 226, 177



210, 255, 189



177, 226, 189



105, 112, 101



57, 176, 0



14, 48, 0

Inverse Universe

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



177, 187, 226



189, 202, 255



189, 177, 226



101, 103, 112



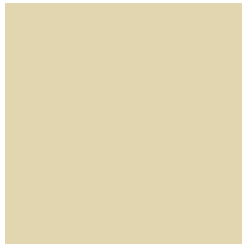
0, 35, 176



0, 10, 48

Previews

White Background



This preview shows how the RYB color 193, 226, 177 looks on a white background.

Color Contrast Check

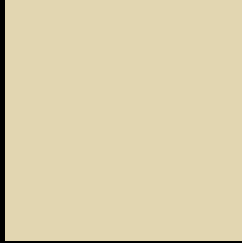
Large Text (above 18pt) WCAG AA × Fail

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 193, 226, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

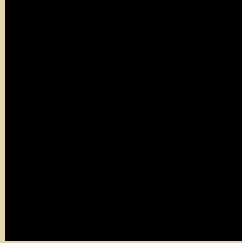
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

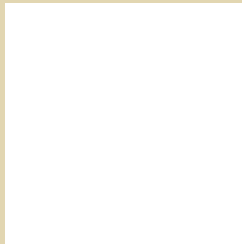
Any Text WCAG AAA ✓ Pass

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

RYB 193, 226, 177 Background



This preview shows how black text looks on a background with the RYB color 193, 226, 177.

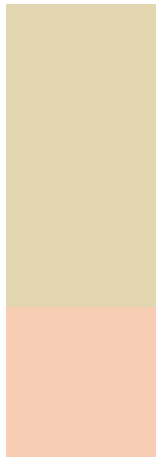


This preview shows how white text looks on a background with the RYB color 193, 226, 177.

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
193, 226, 177

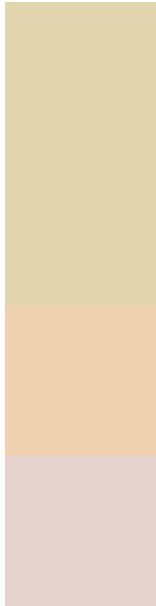
Protanopia
193, 226, 177

Deuteranopia
247, 224, 179



Tritanopia
232, 207, 224

Trichromacy



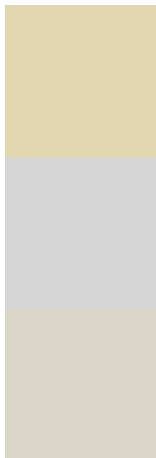
Original Color
193, 226, 177

Protanomaly
193, 226, 177

Deuteranomaly
237, 239, 178

Tritanomaly
230, 210, 207

Monochromacy



Original Color
193, 226, 177

Achromatopsia
213, 213, 213

Achromatomaly
207, 218, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 226, 177 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(226, 214, 177)` looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 177)  
}
```

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(226, 214, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 177) }
```

Border

The CSS property to change the border of an element to RYB 193, 226, 177 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(226, 214, 177) }
```

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

```
.border{ border-color:rgb(226, 214, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 177);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 193, 226, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 214, 177) }
```

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

```
.background{ background-color: rgb(226,  
214, 177) }
```

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