

Converting Colors

`RYB(193, 234, 175)`

Have a look what the booklet for
RYB(193, 234, 175) contains.

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Color

RYB(193, 234, 175)

Conversions

Conversions Part 1

Format	Color
Hex	EADCAF
RGB	234, 220, 175
RGB Percent	92%, 86%, 69%
CMY	0.0824, 0.1364, 0.3137
CMYK	0.00, 0.06, 0.25, 0.08
HSL	46°, 58%, 80%
HSV	46°, 25%, 92%
XYZ	67.3173, 71.8831, 50.8843
YIQ	219.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

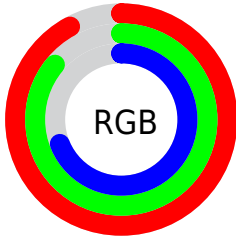
Format	Color
RYB	193, 234, 175
Decimal	15391919
CIELab	87.91, -2.21, 23.95
CIELCh	88, 24.056, 95.266
Yxy	71.8831, 0.3541, 0.3782
Android (android.graphics.Color)	4293581999 (0xFFEADCAF)
YUV	219.0560, -21.7196, 13.1059
Hunter-Lab	84.7839, -6.6452, 23.7650

Details

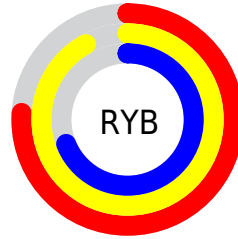
The RYB color **193, 234, 175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175, 186, 234**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **231, 255, 231**, and **139, 178, 122** is the 20% darker color. If you saturate the color by 10%, you get **177, 234, 152**, and if you desaturate by 10%, it is **208, 234, 198**.

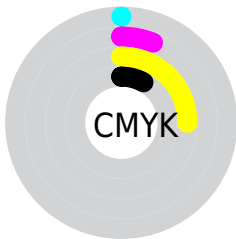
Distribution



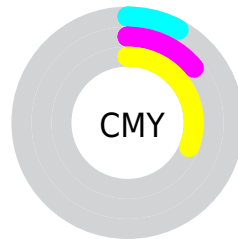
- Red (92%)
- Green (86%)
- Blue (69%)



- Red (76%)
- Yellow (92%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (8%)



- Cyan (8%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 234, 175 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, 234, 175 by changing the saturation by 10% instead.

 193, 234, 175

255, 255, 255

 231, 255, 231

 193, 234, 175


 166, 206, 148

 139, 178, 122

 112, 151, 97

 85, 124, 73

 63, 99, 50

 38, 74, 28

 12, 51, 4

 5, 28, 0

 0, 0, 0

 193, 234, 175

 193, 234, 175

 177, 234, 152

 208, 234, 198

 161, 234, 128


 226, 234, 222

 144, 234, 105

 234, 236, 245

 128, 234, 81

 234, 240, 255

 111, 234, 58

 234, 242, 255

 97, 234, 35

 234, 244, 255

 79, 234, 11

 234, 245, 255

 72, 234, 0

Harmonies

Analogous

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



255, 239, 180



193, 234, 175



183, 227, 202

Triad

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



193, 234, 175



158, 198, 246



254, 207, 240

Complementary

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



193, 234, 175



175, 186, 234

Split Complementary

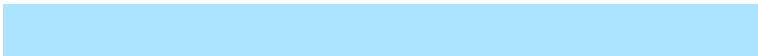
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 213, 255



193, 234, 175



172, 205, 255

Square

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



193, 234, 175



163, 201, 234



199, 215, 255



255, 204, 217

Rectangle

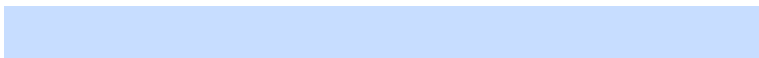
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



193, 234, 175



191, 228, 231



199, 215, 255



247, 209, 247

Sweetspot

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



193, 234, 175



242, 255, 235



234, 175, 190



119, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



193, 234, 175



203, 255, 179



175, 234, 190



108, 117, 106



55, 181, 0



17, 54, 0

Inverse Universe

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



175, 186, 234



179, 193, 255



190, 175, 234



106, 108, 117



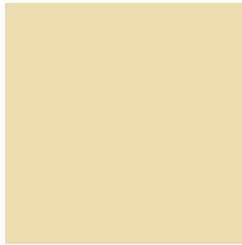
0, 34, 181



0, 10, 54

Previews

White Background



This preview shows how the RYB color 193, 234, 175 looks on a white background.

Color Contrast Check

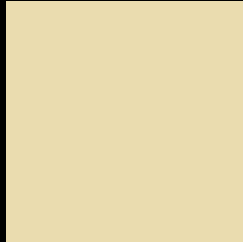
Large Text (above 18pt) WCAG AA × Fail

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, 234, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

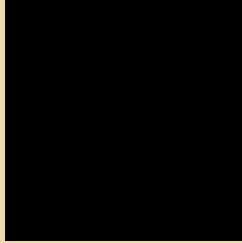
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

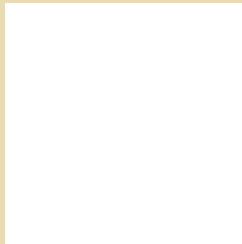
Any Text WCAG AAA ✓ Pass

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

RYB 193, 234, 175 Background



This preview shows how black text looks on a background with the RYB color 193, 234, 175.

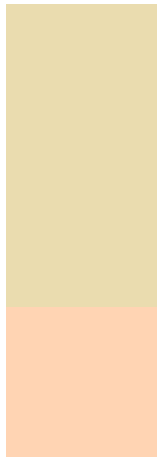


This preview shows how white text looks on a background with the RYB color 193, 234, 175.

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, 234, 175

Protanopia
193, 234, 175

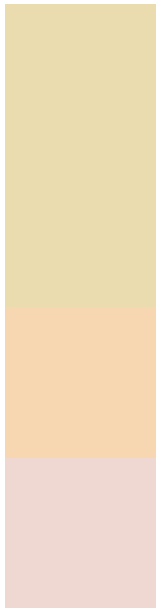
Deuteranopia
255, 237, 179



Tritanopia

241, 213, 229

Trichromacy



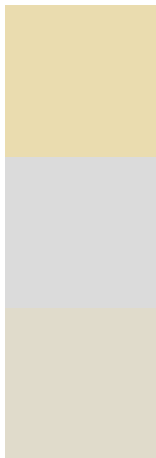
Original Color
193, 234, 175

Protanomaly
193, 234, 175

Deuteranomaly
238, 247, 178

Tritanomaly
238, 218, 209

Monochromacy



Original Color
193, 234, 175

Achromatopsia
219, 219, 219

Achromatomaly
210, 224, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 234, 175 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(234, 220, 175)` looks like.

```
.text, #text, p{  
    color:rgb(234, 220, 175)  
}
```

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(234, 220, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 220, 175) }
```

Border

The CSS property to change the border of an element to RYB 193, 234, 175 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(234, 220, 175) }
```

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

```
.border{ border-color:rgb(234, 220, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 220, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 220, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 220, 175); box-shadow:4px 4px 4px 4px rgb(234, 220, 175) }
```

Background

The CSS property to change the background color of an element to RYB 193, 234, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 220, 175) }
```

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

```
.background{ background-color: rgb(234,  
220, 175) }
```

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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