

Converting Colors

`RYB(194, 229, 163)`

Have a look what the booklet for
RYB(194, 229, 163) contains.

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Color

R_YB(194, 229, 163)

Conversions

Conversions Part 1

Format	Color
Hex	E5D0A3
RGB	229, 208, 163
RGB Percent	90%, 82%, 64%
CMY	0.1020, 0.1847, 0.3608
CMYK	0.00, 0.09, 0.29, 0.10
HSL	41°, 56%, 77%
HSV	41°, 29%, 90%
XYZ	61.4572, 64.3689, 43.8356
YIQ	209.1490, 26.9610, -9.5430

Conversions

Conversions Part 2

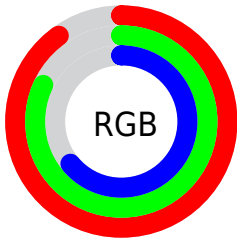
Format	Color
RYB	194, 229, 163
Decimal	15061155
CIELab	84.16, 0.65, 25.01
CIELCh	84, 25.015, 88.512
Yxy	64.3689, 0.3622, 0.3794
Android (android.graphics.Color)	4293251235 (0xFFE5D0A3)
YUV	209.1490, -22.7515, 17.4093
Hunter-Lab	80.2302, -3.6699, 23.7667

Details

The RYB color **194, 229, 163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163, 179, 229**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **218, 255, 218**, and **138, 173, 111** is the 20% darker color. If you saturate the color by 10%, you get **181, 229, 140**, and if you desaturate by 10%, it is **207, 229, 186**.

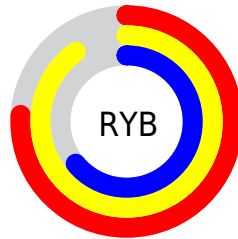
Distribution



Red (90%)

Green (82%)

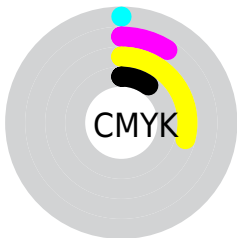
Blue (64%)



Red (76%)

Yellow (90%)

Blue (64%)

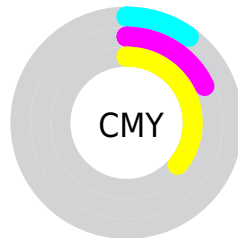


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 229, 163 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 194, 229, 163 by changing the saturation by 10% instead.

 194, 229, 163

255, 255, 255

 218, 255, 218

 247, 255, 247


 194, 229, 163

 168, 201, 137

 138, 173, 111


 112, 146, 86

 85, 119, 63

 61, 94, 40

 35, 69, 18

 16, 47, 0

 11, 21, 0

 0, 0, 0

■ 194, 229, 163

■ 194, 229, 163

■ 181, 229, 140

■ 207, 229, 186

■ 170, 229, 117

■ 218, 229, 209

■ 157, 229, 94

■ 229, 230, 232

■ 144, 229, 71

■ 229, 235, 255

■ 135, 229, 49

■ 229, 239, 255

■ 122, 229, 26

■ 229, 241, 255

■ 109, 229, 3

■ 229, 242, 255

■ 107, 229, 0

Harmonies

Analogous

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



249, 217, 171



194, 229, 163



168, 215, 179

Triad

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



194, 229, 163



144, 186, 232



239, 197, 235

Complementary

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



194, 229, 163



163, 179, 229

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.



212, 204, 251



194, 229, 163



154, 193, 249

Square

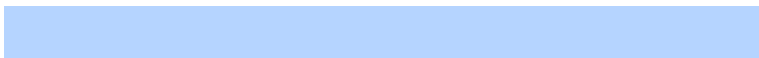
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



194, 229, 163



154, 193, 223



181, 203, 255



255, 193, 212

Rectangle

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



194, 229, 163



178, 219, 212



181, 203, 255



231, 199, 241

Sweetspot

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



194, 229, 163



242, 255, 232



229, 163, 185



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



194, 229, 163



209, 255, 166



163, 229, 174



109, 115, 103



86, 179, 0



23, 51, 0

Inverse Universe

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



163, 179, 229



166, 187, 255



174, 163, 229



103, 106, 115



0, 43, 179



0, 12, 51

Previews

White Background



This preview shows how the RYB color 194, 229, 163 looks on a white background.

Color Contrast Check

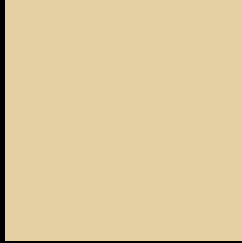
Large Text (above 18pt) WCAG AA × Fail

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 194, 229, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

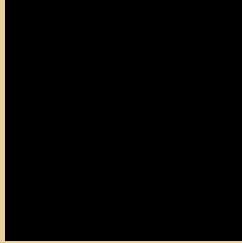
Any Text WCAG AA ✓ Pass

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 194, 229, 163 Background



This preview shows how black text looks on a background with the RYB color 194, 229, 163.



This preview shows how white text looks on a background with the RYB color 194, 229, 163.

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](#).

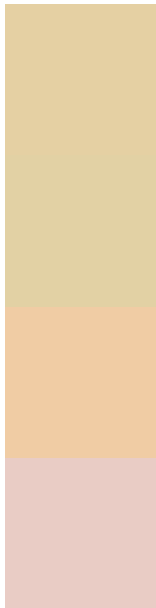
Dichromacy





Tritanopia
235, 201, 216

Trichromacy



Original Color

194, 229, 163

Protanomaly

187, 226, 164

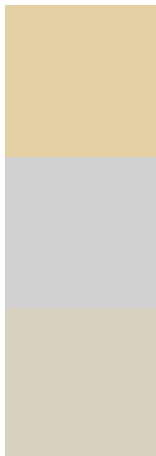
Deuteranomaly

232, 240, 164

Tritanomaly

233, 206, 197

Monochromacy



Original Color

194, 229, 163

Achromatopsia

209, 209, 209

Achromatomaly

202, 216, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 229, 163 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(229, 208, 163)` looks like.

```
.text, #text, p{  
    color:rgb(229, 208, 163)  
}
```

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(229, 208, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 208, 163) }
```

Border

The CSS property to change the border of an element to RYB 194, 229, 163 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(229, 208, 163) }
```

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

```
.border{ border-color:rgb(229, 208, 163) }
```

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

Here you see how a box with a 4 pixel rgb(229, 208, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 208, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 208, 163);  
box-shadow:4px 4px 4px 4px rgb(229, 208,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 194, 229, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 208, 163) }
```

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

```
.background{ background-color: rgb(229,  
208, 163) }
```

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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