

Converting Colors

`RYB(194, 229, 170)`

Have a look what the booklet for
RYB(194, 229, 170) contains.

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Color

R_YB(194, 229, 170)

Conversions

Conversions Part 1

Format	Color
Hex	E5D4AA
RGB	229, 212, 170
RGB Percent	90%, 83%, 67%
CMY	0.1020, 0.1689, 0.3333
CMYK	0.00, 0.07, 0.26, 0.10
HSL	43°, 53%, 78%
HSV	43°, 26%, 90%
XYZ	63.0972, 66.6171, 47.5630
YIQ	212.2950, 23.6140, -9.4580

Conversions

Conversions Part 2

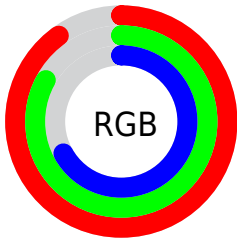
Format	Color
RYB	194, 229, 170
Decimal	15062186
CIELab	85.31, -0.51, 22.92
CIELCh	85, 22.927, 91.268
Yxy	66.6171, 0.3559, 0.3758
Android (android.graphics.Color)	4293252266 (0xFFE5D4AA)
YUV	212.2950, -20.8514, 14.6503
Hunter-Lab	81.6193, -4.8413, 22.5827

Details

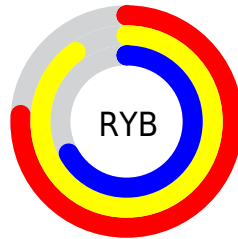
The RYB color **194, 229, 170** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170, 183, 229**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **225, 255, 225**, and **139, 173, 118** is the 20% darker color. If you saturate the color by 10%, you get **181, 229, 147**, and if you desaturate by 10%, it is **207, 229, 193**.

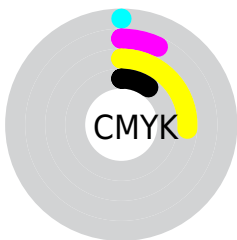
Distribution



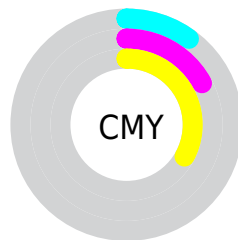
- Red (90%)
- Green (83%)
- Blue (67%)



- Red (76%)
- Yellow (90%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 229, 170 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, 170 by changing the saturation by 10% instead.

 194, 229, 170


255, 255, 255


 225, 255, 225


254, 255, 254

 194, 229, 170


 167, 201, 143


 141, 173, 118

 114, 146, 93

 88, 120, 69

 62, 94, 46

 38, 70, 24

 11, 47, 0

 8, 23, 0

 0, 0, 0

194, 229, 170

194, 229, 170

181, 229, 147

207, 229, 193

166, 229, 124

222, 229, 216

153, 229, 101

229, 231, 239

140, 229, 78

229, 236, 255

125, 229, 55

229, 239, 255

113, 229, 33

229, 241, 255

98, 229, 10

229, 242, 255

93, 229, 0

Harmonies

Analogous

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



248, 225, 176



194, 229, 170



176, 219, 190

Triad

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



194, 229, 170



154, 192, 235



242, 201, 234

Complementary

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



194, 229, 170



170, 183, 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.



218, 207, 250



194, 229, 170



165, 199, 250

Square

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



194, 229, 170



161, 197, 226



189, 208, 255



255, 198, 213

Rectangle

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



194, 229, 170



186, 222, 219



189, 208, 255



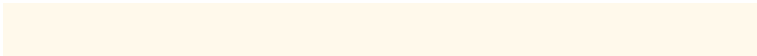
235, 203, 240

Sweetspot

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



194, 229, 170



244, 255, 235



229, 170, 188



121, 128, 115



0, 0, 0



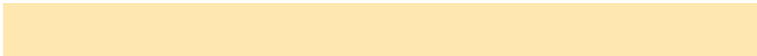
128, 128, 128

Same Dimension

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



194, 229, 170



208, 255, 176



170, 229, 182



109, 115, 103



73, 179, 0



21, 51, 0

Inverse Universe

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



170, 183, 229



176, 194, 255



182, 170, 229



103, 106, 115



0, 40, 179



0, 12, 51

Previews

White Background



This preview shows how the RYB color 194, 229, 170 looks on a white background.

Color Contrast Check

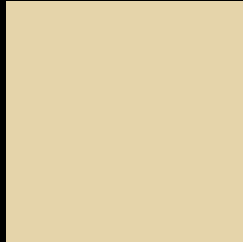
Large Text (above 18pt) WCAG AA × Fail

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, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

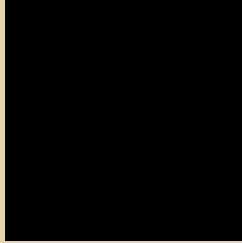
Any Text WCAG AA ✓ Pass

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 194, 229, 170 Background



This preview shows how black text looks on a background with the RYB color 194, 229, 170.

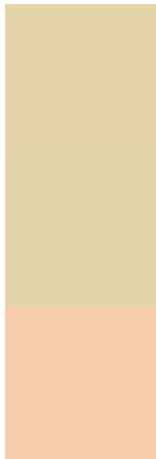


This preview shows how white text looks on a background with the RYB color 194, 229, 170.

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
194, 229, 170

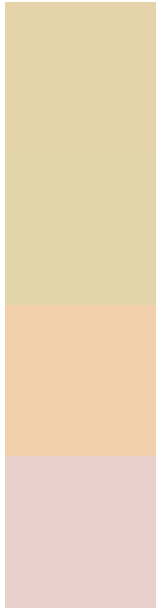
Protanopia
187, 226, 170

Deuteranopia
248, 232, 171



Tritanopia
235, 205, 221

Trichromacy



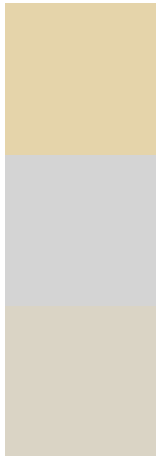
Original Color
194, 229, 170

Protanomaly
189, 227, 170

Deuteranomaly
233, 241, 171

Tritanomaly
233, 209, 202

Monochromacy



Original Color
194, 229, 170

Achromatopsia
212, 212, 212

Achromatomaly
205, 218, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 229, 170 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, 212, 170) looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 170)  
}
```

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, 212, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 170) }
```

Border

The CSS property to change the border of an element to RYB 194, 229, 170 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, 212, 170) }
```

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

```
.border{ border-color:rgb(229, 212, 170) }
```

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

Here you see how a box with a 4 pixel rgb(229, 212, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 170);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 194, 229, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 170) }
```

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

```
.background{ background-color: rgb(229,  
212, 170) }
```

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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