

Converting Colors

`RYB(178, 234, 174)`

Have a look what the booklet for
RYB(178, 234, 174) contains.

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Color

R_YB(178, 234, 174)

Conversions

Conversions Part 1

Format	Color
Hex	EAE6AE
RGB	234, 230, 174
RGB Percent	92%, 90%, 68%
CMY	0.0824, 0.0971, 0.3176
CMYK	0.00, 0.02, 0.26, 0.08
HSL	56°, 59%, 80%
HSV	56°, 26%, 92%
XYZ	69.9381, 77.2813, 51.2750
YIQ	224.8120, 20.3600, -16.5680

Conversions

Conversions Part 2

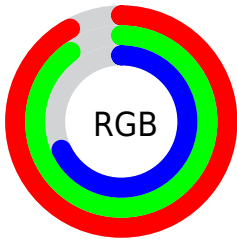
Format	Color
RYB	178, 234, 174
Decimal	15394478
CIELab	90.45, -7.44, 27.94
CIELCh	90, 28.909, 104.913
Yxy	77.2813, 0.3523, 0.3893
Android (android.graphics.Color)	4293584558 (0xFFEAE6AE)
YUV	224.8120, -25.0503, 8.0579
Hunter-Lab	87.9098, -11.8334, 26.9548

Details

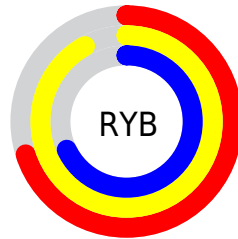
The RYB color **178, 234, 174** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **174, 178, 234**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **230, 255, 230**, and **124, 178, 121** is the 20% darker color. If you saturate the color by 10%, you get **156, 234, 151**, and if you desaturate by 10%, it is **199, 234, 197**.

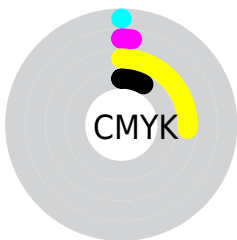
Distribution



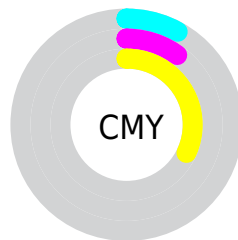
- Red (92%)
- Green (90%)
- Blue (68%)



- Red (70%)
- Yellow (92%)
- Blue (68%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 234, 174 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 178, 234, 174 by changing the saturation by 10% instead.

■ 178, 234, 174

255, 255, 255

■ 230, 255, 230

■ 178, 234, 174

■ 150, 205, 147

■ 124, 178, 121

■ 99, 151, 96

■ 74, 124, 72

■ 49, 99, 48

■ 26, 74, 26

■ 2, 51, 3

■ 0, 30, 2

■ 0, 3, 3

■ 178, 234, 174

■ 178, 234, 174

■ 156, 234, 151

■ 199, 234, 197

■ 134, 234, 127

■ 222, 234, 221

■ 113, 234, 104

■ 234, 235, 244

■ 91, 234, 80

■ 234, 236, 255

■ 69, 234, 57

■ 234, 237, 255

■ 48, 234, 34

■ 234, 238, 255

■ 25, 234, 10

■ 234, 239, 255

■ 16, 234, 0

■ 234, 240, 255

■ 234, 240, 255

Harmonies

Analogous

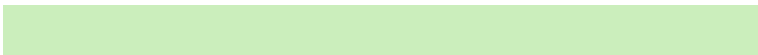
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234, 255, 175



178, 234, 174



188, 238, 223

Triad

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



178, 234, 174



152, 200, 255



255, 209, 243

Complementary

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



178, 234, 174



174, 178, 234

Split Complementary

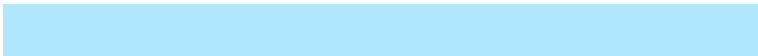
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 216, 255



178, 234, 174



176, 209, 255

Square

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



178, 234, 174



151, 198, 243



213, 222, 255



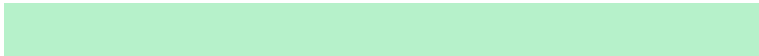
255, 208, 215

Rectangle

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



178, 234, 174



182, 226, 241



213, 222, 255



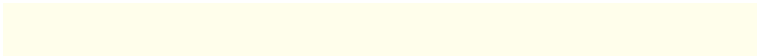
255, 211, 252

Sweetspot

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



178, 234, 174



236, 255, 235



234, 174, 178



116, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



178, 234, 174



181, 255, 176



174, 234, 200



106, 117, 106



12, 181, 0



4, 54, 0

Inverse Universe

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



174, 178, 234



176, 181, 255



200, 174, 234



106, 106, 117



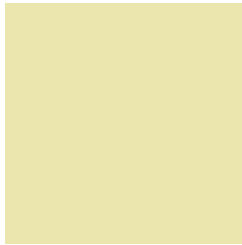
0, 10, 181



0, 3, 54

Previews

White Background



This preview shows how the RYB color 178, 234, 174 looks on a white background.

Color Contrast Check

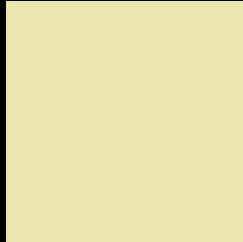
Large Text (above 18pt) WCAG AA × Fail

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 178, 234, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

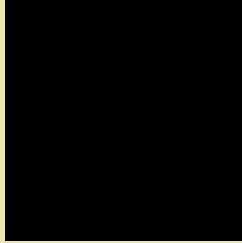
Any Text WCAG AA ✓ Pass

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 178, 234, 174 Background



This preview shows how black text looks on a background with the RYB color 178, 234, 174.

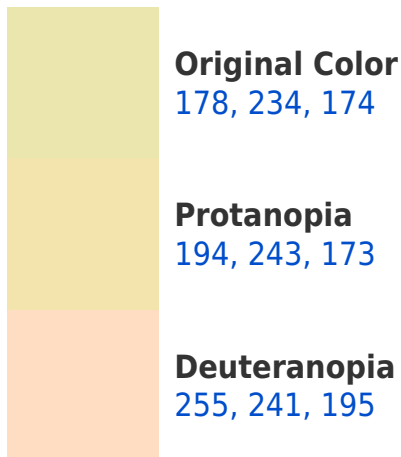


This preview shows how white text looks on a background with the RYB color 178, 234, 174.

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

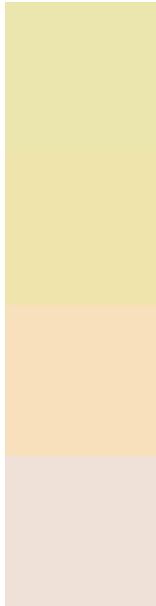




Tritanopia

242, 222, 239

Trichromacy



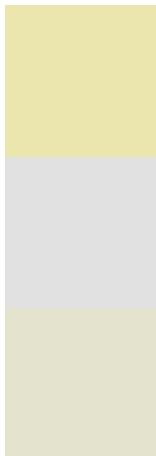
Original Color
178, 234, 174

Protanomaly
188, 240, 173

Deuteranomaly
224, 247, 187

Tritanomaly
239, 232, 215

Monochromacy



Original Color
178, 234, 174

Achromatopsia
225, 225, 225

Achromatomaly
207, 228, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 234, 174 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, 230, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 230, 174)  
}
```

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, 230, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 230, 174) }
```

Border

The CSS property to change the border of an element to RYB 178, 234, 174 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, 230, 174) }
```

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

```
.border{ border-color:rgb(234, 230, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 230, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 230, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 230, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 230,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 178, 234, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 230, 174) }
```

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

```
.background{ background-color: rgb(234,  
230, 174) }
```

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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