

Converting Colors

`RYB(174, 229, 171)`

Have a look what the booklet for
RYB(174, 229, 171) contains.

RYB(174, 229, 171)	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(174, 229, 171)

Conversions

Conversions Part 1

Format	Color
Hex	E5E2AB
RGB	229, 226, 171
RGB Percent	90%, 89%, 67%
CMY	0.1020, 0.1131, 0.3294
CMYK	0.00, 0.01, 0.25, 0.10
HSL	57°, 53%, 78%
HSV	57°, 25%, 90%
XYZ	66.9003, 74.0713, 49.2992
YIQ	220.6270, 19.4430, -16.4690

Conversions

Conversions Part 2

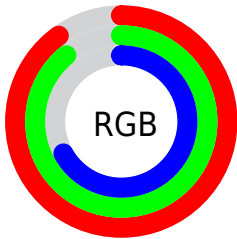
Format	Color
RYB	174, 229, 171
Decimal	15065771
CIELab	88.96, -7.63, 27.38
CIELCh	89, 28.426, 105.569
Yxy	74.0713, 0.3516, 0.3893
Android (android.graphics.Color)	4293255851 (0xFFE5E2AB)
YUV	220.6270, -24.4661, 7.3431
Hunter-Lab	86.0647, -11.8605, 26.2830

Details

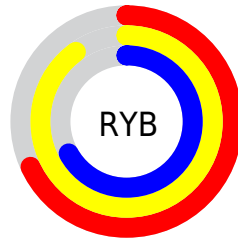
The RYB color **174, 229, 171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171, 174, 229**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **227, 255, 227**, and **120, 173, 118** is the 20% darker color. If you saturate the color by 10%, you get **152, 229, 148**, and if you desaturate by 10%, it is **196, 229, 194**.

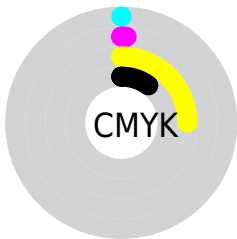
Distribution



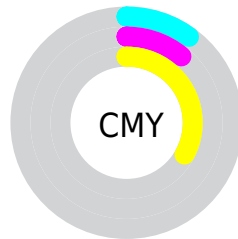
- Red (90%)
- Green (89%)
- Blue (67%)



- Red (68%)
- Yellow (90%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 229, 171 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 174, 229, 171 by changing the saturation by 10% instead.


 174, 229, 171


255, 255, 255


 227, 255, 227

 174, 229, 171

 147, 201, 144

 120, 173, 118

 95, 146, 93

 70, 120, 69

 46, 94, 46

 24, 71, 25

 0, 48, 1

 0, 28, 4

 0, 0, 0

 174, 229, 171

 174, 229, 171

 152, 229, 148

 196, 229, 194

 130, 229, 125

 218, 229, 217

 108, 229, 102

 229, 230, 240

 86, 229, 79

 229, 231, 255

 64, 229, 56

 229, 232, 255

 45, 229, 34

 229, 232, 255

 23, 229, 11

 229, 233, 255

 12, 229, 0

 229, 234, 255

 229, 235, 255

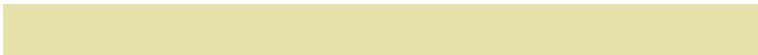
Harmonies

Analogous

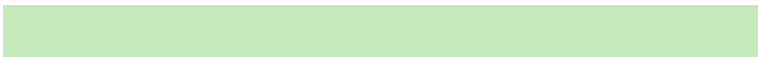
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 255, 171



174, 229, 171



185, 233, 220

Triad

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



174, 229, 171



149, 197, 255



255, 205, 238

Complementary

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



174, 229, 171



171, 174, 229

Split Complementary

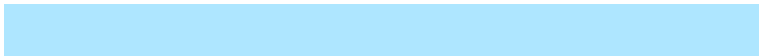
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 212, 255



174, 229, 171



174, 207, 255

Square

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



174, 229, 171



148, 194, 239



210, 219, 255



255, 204, 210

Rectangle

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



174, 229, 171



178, 221, 237



210, 219, 255



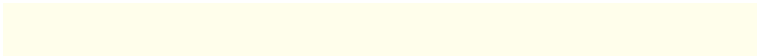
255, 207, 246

Sweetspot

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



174, 229, 171



236, 255, 235



229, 171, 174



116, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



174, 229, 171



183, 255, 179



171, 229, 197



104, 115, 103



9, 179, 0



3, 51, 0

Inverse Universe

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



171, 174, 229



179, 182, 255



197, 171, 229



103, 104, 115



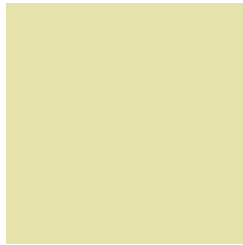
0, 9, 179



0, 3, 51

Previews

White Background



This preview shows how the RYB color 174, 229, 171 looks on a white background.

Color Contrast Check

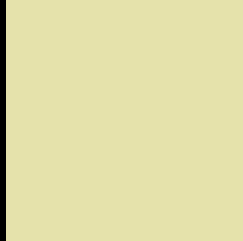
Large Text (above 18pt) WCAG AA × Fail

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 174, 229, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

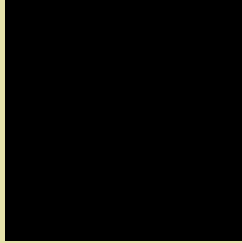
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

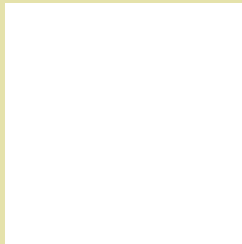
Any Text WCAG AAA ✓ Pass

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

RYB 174, 229, 171 Background



This preview shows how black text looks on a background with the RYB color 174, 229, 171.



This preview shows how white text looks on a background with the RYB color 174, 229, 171.

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](#).

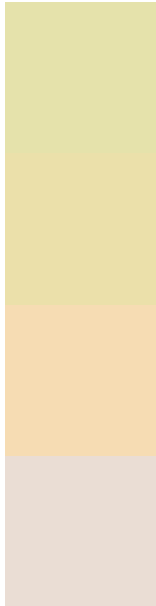
Dichromacy





Tritanopia
237, 218, 235

Trichromacy



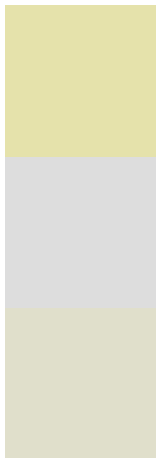
Original Color
174, 229, 171

Protanomaly
183, 235, 170

Deuteranomaly
221, 246, 179

Tritanomaly
234, 227, 212

Monochromacy



Original Color
174, 229, 171

Achromatopsia
221, 221, 221

Achromatomaly
204, 224, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 229, 171 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, 226, 171)` looks like.

```
.text, #text, p{  
    color:rgb(229, 226, 171)  
}
```

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, 226, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 226, 171) }
```

Border

The CSS property to change the border of an element to RYB 174, 229, 171 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, 226, 171) }
```

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

```
.border{ border-color:rgb(229, 226, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 226, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 226, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 226, 171); box-shadow:4px 4px 4px 4px rgb(229, 226, 171) }
```

Background

The CSS property to change the background color of an element to RYB 174, 229, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 226, 171) }
```

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

```
.background{ background-color: rgb(229,  
226, 171) }
```

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