

Converting Colors

`RYB(174, 244, 202)`

Have a look what the booklet for
RYB(174, 244, 202) contains.

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Color

R_YB(174, 244, 202)

Conversions

Conversions Part 1

Format	Color
Hex	D8F4AE
RGB	216, 244, 174
RGB Percent	85%, 96%, 68%
CMY	0.1529, 0.0431, 0.3176
CMYK	0.11, 0.00, 0.29, 0.04
HSL	84°, 76%, 82%
HSV	84°, 29%, 96%
XYZ	68.3096, 82.3563, 52.3405
YIQ	227.6480, 5.7820, -27.7060

Conversions

Conversions Part 2

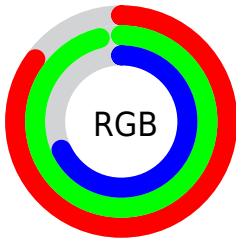
Format	Color
RYB	174, 244, 202
Decimal	14218414
CIELab	92.73, -20.80, 30.80
CIELCh	93, 37.165, 124.038
Yxy	82.3563, 0.3365, 0.4057
Android (android.graphics.Color)	4292408494 (0xFFD8F4AE)
YUV	227.6480, -26.4485, -10.2153
Hunter-Lab	90.7504, -24.4527, 29.3296

Details

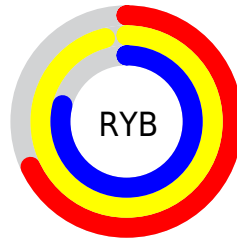
The RYB color **174, 244, 202** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **202, 174, 244**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **230, 255, 230**, and **121, 188, 149** is the 20% darker color. If you saturate the color by 10%, you get **150, 244, 188**, and if you desaturate by 10%, it is **198, 244, 216**.

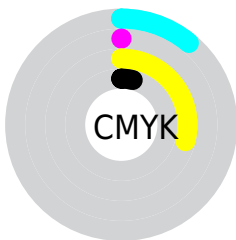
Distribution



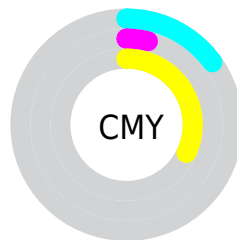
- Red (85%)
- Green (96%)
- Blue (68%)



- Red (68%)
- Yellow (96%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 244, 202 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, 244, 202 by changing the saturation by 10% instead.


 174, 244, 202


255, 255, 255


 230, 255, 230

 174, 244, 202

 147, 216, 175


 121, 188, 149


 96, 161, 123


 71, 134, 97

 48, 109, 74

 25, 85, 52

 0, 61, 26

 0, 39, 27

 0, 17, 17

■ 174, 244, 202

■ 174, 244, 202

■ 150, 244, 188

■ 198, 244, 216

■ 125, 244, 173

■ 223, 244, 231

■ 101, 244, 158

■ 245, 244, 247

■ 76, 244, 143

■ 255, 244, 255

■ 52, 244, 129

■ 28, 244, 115

■ 3, 244, 99

■ 0, 244, 98

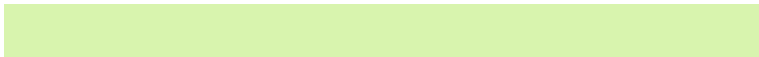
Harmonies

Analogous

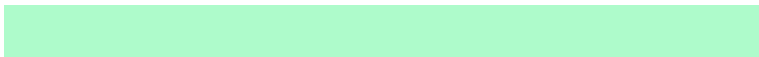
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192, 255, 163



174, 244, 202



174, 230, 251

Triad

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



174, 244, 202



145, 198, 255



255, 208, 231

Complementary

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



174, 244, 202



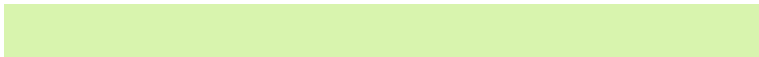
202, 174, 244

Split Complementary

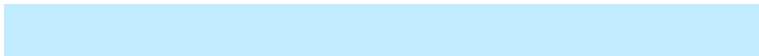
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 212, 255



174, 244, 202



195, 219, 255

Square

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



174, 244, 202



121, 187, 255



246, 223, 255



255, 216, 196

Rectangle

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



174, 244, 202



148, 209, 254



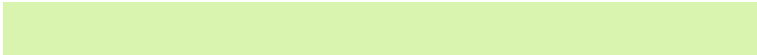
246, 223, 255



255, 208, 243

Sweetspot

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



174, 244, 202



232, 255, 241



244, 221, 174



113, 128, 119



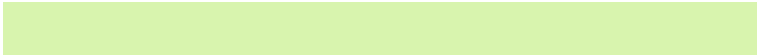
0, 0, 0



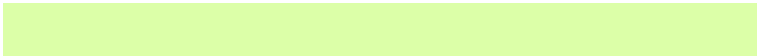
128, 128, 128

Same Dimension

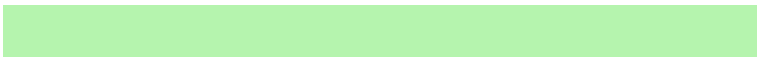
The Same Dimension uses a secret algorithm to generate beautiful new colors.



174, 244, 202



168, 255, 203



174, 244, 237



110, 122, 114



0, 186, 74



0, 59, 24

Inverse Universe

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



202, 174, 244



203, 168, 255



237, 174, 244



115, 110, 122



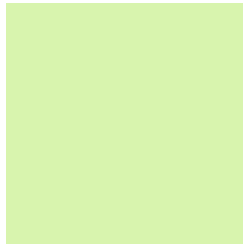
74, 0, 186



23, 0, 59

Previews

White Background



This preview shows how the RYB color 174, 244, 202 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, 244, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

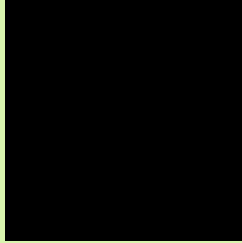
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

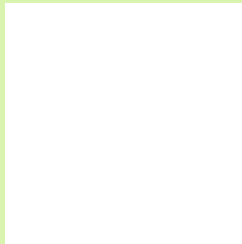
Any Text WCAG AAA ✓ Pass

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

RYB 174, 244, 202 Background



This preview shows how black text looks on a background with the RYB color 174, 244, 202.

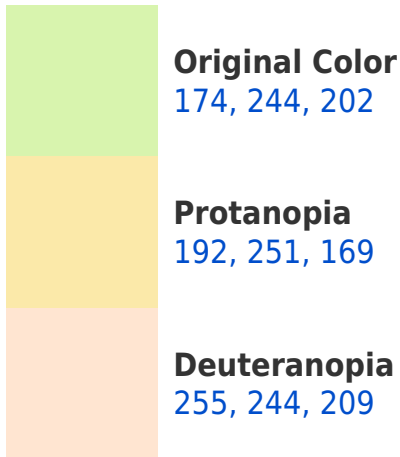


This preview shows how white text looks on a background with the RYB color 174, 244, 202.

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](#).

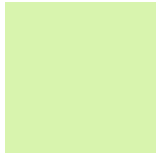
Dichromacy





Tritanopia
227, 232, 252

Trichromacy



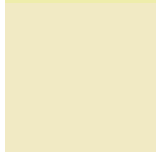
Original Color

174, 244, 202



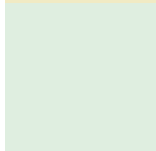
Protanomaly

172, 238, 171



Deuteranomaly

204, 241, 196



Tritanomaly

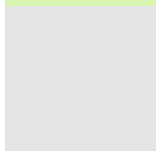
223, 237, 238

Monochromacy



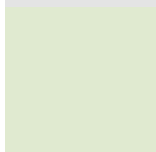
Original Color

174, 244, 202



Achromatopsia

228, 228, 228



Achromatomaly

208, 234, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 244, 202 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(174, 244, 202)` looks like.

```
.text, #text, p{  
    color:rgb(174, 244, 202)  
}
```

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(216, 244, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 244, 174) }
```

Border

The CSS property to change the border of an element to RYB 174, 244, 202 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(216, 244, 174) }
```

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

```
.border{ border-color:rgb(216, 244, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 244, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 244, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 244, 174);  
box-shadow:4px 4px 4px 4px rgb(216, 244,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 174, 244, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 244, 174) }
```

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

```
.background{ background-color: rgb(216,  
244, 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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