

Converting Colors

`RYB(174, 208, 207)`

Have a look what the booklet for
RYB(174, 208, 207) contains.

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Color

$\text{RYB}(174, 208, 207)$

Conversions

Conversions Part 1

Format	Color
Hex	AFD0AE
RGB	175, 208, 174
RGB Percent	69%, 82%, 68%
CMY	0.3137, 0.1843, 0.3176
CMYK	0.16, 0.00, 0.16, 0.18
HSL	118°, 27%, 75%
HSV	118°, 16%, 82%
XYZ	47.8751, 57.2817, 48.5776
YIQ	194.2570, -8.7540, -17.5700

Conversions

Conversions Part 2

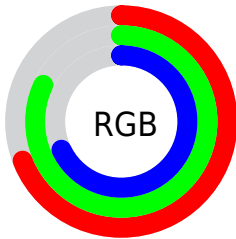
Format	Color
RYB	174, 208, 207
Decimal	11522222
CIELab	80.34, -17.42, 13.28
CIElCh	80, 21.905, 142.691
Yxy	57.2817, 0.3114, 0.3726
Android (android.graphics.Color)	4289712302 (0xFFAFD0AE)
YUV	194.2570, -9.9867, -16.8884
Hunter-Lab	75.6847, -19.5363, 14.9245

Details

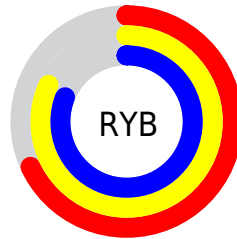
The RYB color **174, 208, 207** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **207, 174, 208**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **230, 255, 254**, and **122, 154, 154** is the 20% darker color. If you saturate the color by 10%, you get **153, 208, 206**, and if you desaturate by 10%, it is **195, 208, 208**.

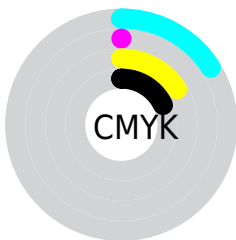
Distribution



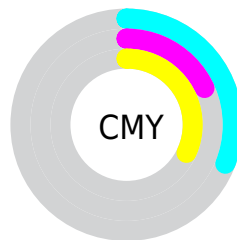
- Red (69%)
- Green (82%)
- Blue (68%)



- Red (68%)
- Yellow (82%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 208, 207 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, 208, 207 by changing the saturation by 10% instead.


 174, 208, 207


255, 255, 255


 230, 255, 254

 174, 208, 207

 147, 180, 179

 122, 154, 154

 97, 127, 127

 73, 102, 102

 49, 77, 78

 27, 53, 55

 4, 34, 32

 0, 2, 2

 0, 0, 0

 174, 208, 207

 174, 208, 207

 153, 208, 206

 195, 208, 208

 132, 208, 205

 215, 208, 216

 112, 208, 206

 236, 208, 236

 91, 208, 205

 255, 208, 255

 70, 208, 204

 49, 208, 203

 28, 208, 202

 8, 208, 203

 0, 208, 202

Harmonies

Analogous

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



161, 203, 166



174, 208, 207



155, 188, 211

Triad

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



174, 208, 207



169, 192, 239



242, 186, 184

Complementary

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



174, 208, 207



207, 174, 208

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.



237, 185, 205



174, 208, 207



196, 196, 237

Square

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



174, 208, 207



149, 183, 231



221, 189, 224



236, 201, 168

Rectangle

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



174, 208, 207



146, 180, 211



221, 189, 224



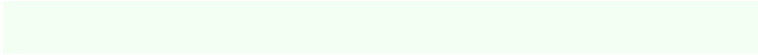
242, 185, 191

Sweetspot

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



174, 208, 207



242, 255, 254



175, 208, 174



120, 128, 128



0, 0, 0



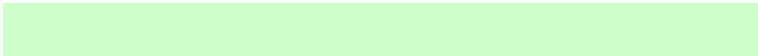
128, 128, 128

Same Dimension

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



174, 208, 207



204, 255, 254



174, 197, 208



94, 105, 105



0, 168, 163



0, 41, 40

Inverse Universe

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



207, 174, 208



254, 204, 255



208, 174, 192



104, 94, 105



163, 0, 168



40, 0, 41

Previews

White Background



This preview shows how the RYB color 174, 208, 207 looks on a white background.

Color Contrast Check

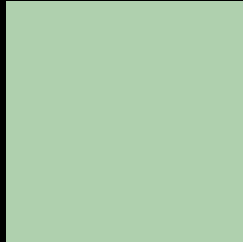
Large Text (above 18pt) WCAG AA × Fail

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, 208, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

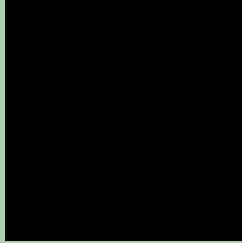
Any Text WCAG AA ✓ Pass

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, 208, 207 Background



This preview shows how black text looks on a background with the RYB color 174, 208, 207.

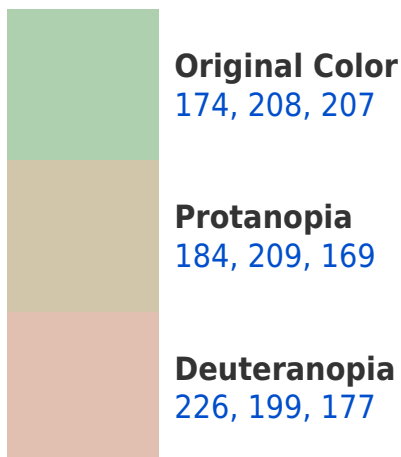


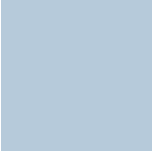
This preview shows how white text looks on a background with the RYB color 174, 208, 207.

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](#).

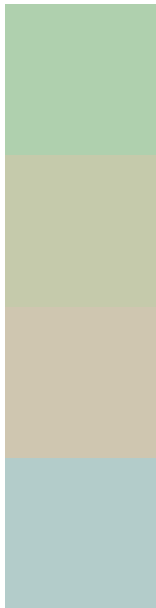
Dichromacy





Tritanopia
182, 195, 218

Trichromacy



Original Color

174, 208, 207

Protanomaly

171, 202, 176

Deuteranomaly

189, 207, 176

Tritanomaly

179, 192, 204

Monochromacy



Original Color

174, 208, 207

Achromatopsia

194, 194, 194

Achromatomaly

187, 199, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 208, 207 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(175, 208, 174)` looks like.

```
.text, #text, p{  
    color:rgb(175, 208, 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(175, 208, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 208, 174) }
```

Border

The CSS property to change the border of an element to RYB 174, 208, 207 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(175, 208, 174) }
```

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

```
.border{ border-color:rgb(175, 208, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 208, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 208, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 208, 174);  
box-shadow:4px 4px 4px 4px rgb(175, 208,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 174, 208, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 208, 174) }
```

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

```
.background{ background-color: rgb(175,  
208, 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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