

Converting Colors

`RYB(155, 204, 197)`

Have a look what the booklet for
RYB(155, 204, 197) contains.

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Color

R_YB(155, 204, 197)

Conversions

Conversions Part 1

Format	Color
Hex	A2CC9B
RGB	162, 204, 155
RGB Percent	64%, 80%, 61%
CMY	0.3647, 0.2000, 0.3922
CMYK	0.21, 0.00, 0.24, 0.20
HSL	111°, 32%, 70%
HSV	111°, 24%, 80%
XYZ	42.4096, 53.2337, 39.0503
YIQ	185.8560, -9.3030, -24.1430

Conversions

Conversions Part 2

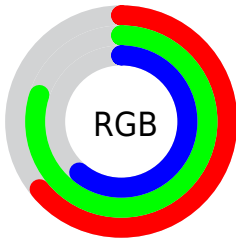
Format	Color
RYB	155, 204, 197
Decimal	10669211
CIELab	78.01, -23.16, 19.99
CIElCh	78, 30.593, 139.190
Yxy	53.2337, 0.3149, 0.3952
Android (android.graphics.Color)	4288859291 (0xFFA2CC9B)
YUV	185.8560, -15.2120, -20.9217
Hunter-Lab	72.9614, -23.9275, 19.3399

Details

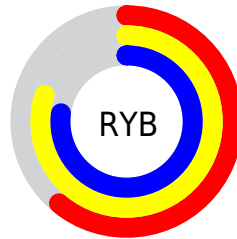
The RYB color **155, 204, 197** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **197, 155, 204**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **210, 255, 248**, and **104, 150, 145** is the 20% darker color. If you saturate the color by 10%, you get **135, 204, 194**, and if you desaturate by 10%, it is **175, 204, 200**.

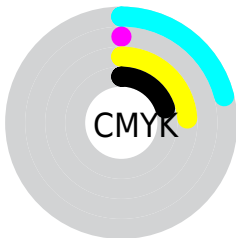
Distribution



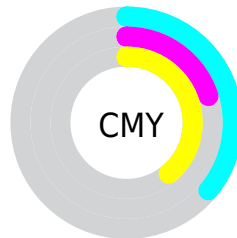
- Red (64%)
- Green (80%)
- Blue (61%)



- Red (61%)
- Yellow (80%)
- Blue (77%)



- Cyan (21%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 204, 197 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 155, 204, 197 by changing the saturation by 10% instead.


 155, 204, 197

255, 255, 255


 210, 255, 248

 238, 255, 247

 155, 204, 197

 129, 176, 170


 104, 150, 145

 79, 124, 119

 56, 99, 95

 34, 74, 72

 12, 52, 52

 0, 31, 31

 0, 0, 0

 155, 204, 197

 155, 204, 197

 135, 204, 194

 175, 204, 200

 114, 204, 191

 196, 204, 203

 94, 204, 188

 214, 204, 216

 73, 204, 185

 232, 204, 237

 53, 204, 182

 249, 204, 255

 33, 204, 180

 255, 204, 255

 12, 204, 176

 0, 204, 175

Harmonies

Analogous

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



139, 197, 142



155, 204, 197



130, 177, 208

Triad

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



155, 204, 197



142, 179, 248



250, 173, 176

Complementary

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



155, 204, 197



197, 155, 204

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.



243, 173, 204



155, 204, 197



183, 188, 246

Square

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



155, 204, 197



111, 164, 235



219, 179, 230



243, 189, 151

Rectangle

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



155, 204, 197



113, 163, 209



219, 179, 230



250, 172, 185

Sweetspot

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



155, 204, 197



237, 255, 252



163, 204, 155



117, 128, 126



0, 0, 0



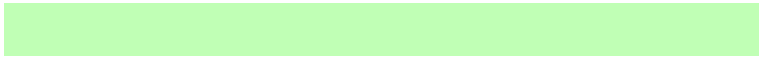
128, 128, 128

Same Dimension

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



155, 204, 197



181, 255, 244



155, 191, 204



92, 102, 101



0, 166, 142



0, 38, 33

Inverse Universe

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



197, 155, 204



244, 181, 255



204, 155, 187



101, 92, 102



142, 0, 166



33, 0, 38

Previews

White Background



This preview shows how the RYB color 155, 204, 197 looks on a white background.

Color Contrast Check

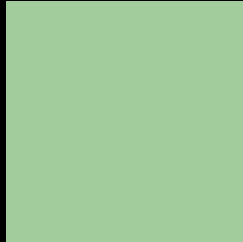
Large Text (above 18pt) WCAG AA × Fail

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 155, 204, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

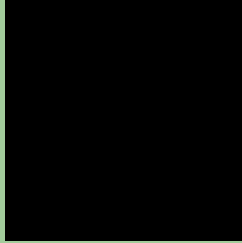
Any Text WCAG AA ✓ Pass

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 155, 204, 197 Background



This preview shows how black text looks on a background with the RYB color 155, 204, 197.

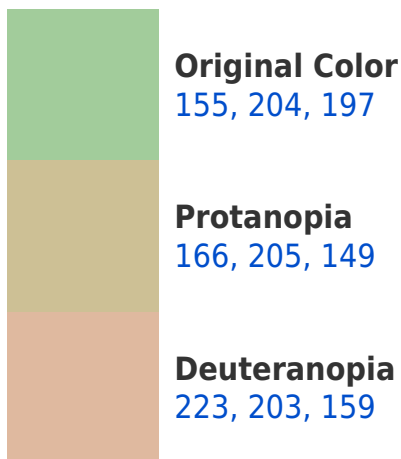


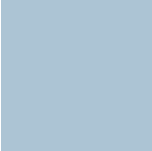
This preview shows how white text looks on a background with the RYB color 155, 204, 197.

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](#).

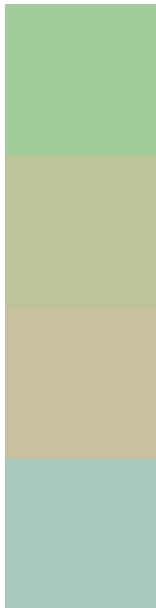
Dichromacy





Tritanopia
172, 187, 212

Trichromacy



Original Color
155, 204, 197

Protanomaly
151, 196, 158

Deuteranomaly
169, 201, 158

Tritanomaly
168, 186, 199

Monochromacy



Original Color
155, 204, 197

Achromatopsia
186, 186, 186

Achromatomaly
175, 193, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 204, 197 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(162, 204, 155)` looks like.

```
.text, #text, p{  
    color:rgb(162, 204, 155)  
}
```

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(162, 204, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 204, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 204, 197 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(162, 204, 155) }
```

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

```
.border{ border-color:rgb(162, 204, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 204, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 204, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 204, 155);  
box-shadow:4px 4px 4px 4px rgb(162, 204,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 204, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 204, 155) }
```

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

```
.background{ background-color: rgb(162,  
204, 155) }
```

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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