

Converting Colors

`RYB(155, 202, 192)`

Have a look what the booklet for
RYB(155, 202, 192) contains.

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Color

`RYB(155, 202, 192)`

Conversions

Conversions Part 1

Format	Color
Hex	A5CA9B
RGB	165, 202, 155
RGB Percent	65%, 79%, 61%
CMY	0.3529, 0.2078, 0.3922
CMYK	0.18, 0.00, 0.23, 0.21
HSL	107°, 31%, 70%
HSV	107°, 23%, 79%
XYZ	42.5540, 52.6070, 38.9217
YIQ	185.5790, -6.9650, -22.4610

Conversions

Conversions Part 2

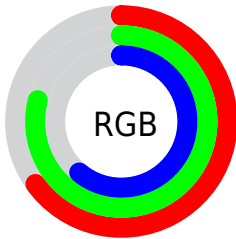
Format	Color
RYB	155, 202, 192
Decimal	10865307
CIELab	77.64, -21.13, 19.51
CIELCh	78, 28.758, 137.275
Yxy	52.6070, 0.3174, 0.3923
Android (android.graphics.Color)	4289055387 (0xFFA5CA9B)
YUV	185.5790, -15.0754, -18.0478
Hunter-Lab	72.5306, -22.2021, 18.9550

Details

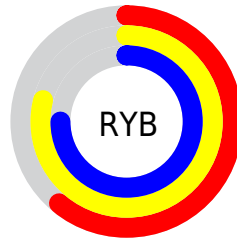
The RYB color **155, 202, 192** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **192, 155, 202**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **210, 255, 245**, and **104, 148, 140** is the 20% darker color. If you saturate the color by 10%, you get **135, 202, 188**, and if you desaturate by 10%, it is **175, 202, 196**.

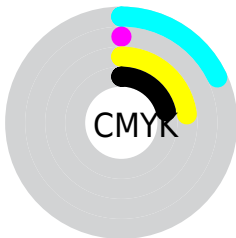
Distribution



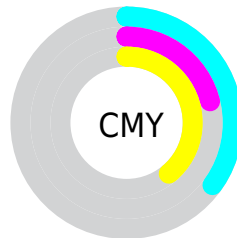
- Red (65%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)



- Cyan (35%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 202, 192 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, 202, 192 by changing the saturation by 10% instead.


 155, 202, 192

255, 255, 255


 210, 255, 245

 238, 255, 244

 155, 202, 192

 129, 175, 166

 104, 148, 140

 79, 122, 114

 56, 97, 90

 34, 73, 67

 13, 50, 46

 0, 30, 30

 0, 0, 0

 155, 202, 192

 155, 202, 192

 135, 202, 188

 175, 202, 196

 115, 202, 184

 195, 202, 200

 94, 202, 179

 213, 202, 216

 74, 202, 175

 229, 202, 236

 54, 202, 171

 245, 202, 255

 34, 202, 166

 255, 202, 255

 14, 202, 162

 0, 202, 159

Harmonies

Analogous

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



141, 195, 141



155, 202, 192



135, 179, 206

Triad

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



155, 202, 192



143, 178, 243



246, 173, 177

Complementary

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



155, 202, 192



192, 155, 202

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.



238, 174, 204



155, 202, 192



180, 188, 243

Square

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



155, 202, 192



116, 166, 230



215, 180, 228



240, 187, 154

Rectangle

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



155, 202, 192



120, 166, 207



215, 180, 228



245, 172, 186

Sweetspot

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



155, 202, 192



237, 255, 251



168, 202, 155



117, 128, 126



0, 0, 0



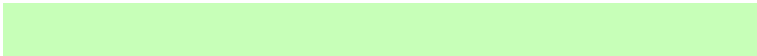
128, 128, 128

Same Dimension

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



155, 202, 192



184, 255, 240



155, 192, 202



92, 102, 100



0, 166, 131



0, 38, 30

Inverse Universe

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



192, 155, 202



240, 184, 255



202, 155, 189



100, 92, 102



130, 0, 166



30, 0, 38

Previews

White Background



This preview shows how the RYB color 155, 202, 192 looks on a white background.

Color Contrast Check

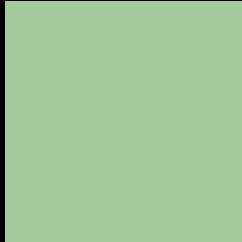
Large Text (above 18pt) WCAG AA × Fail

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, 202, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

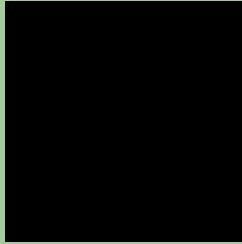
Any Text WCAG AA ✓ Pass

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, 202, 192 Background



This preview shows how black text looks on a background with the RYB color 155, 202, 192.



This preview shows how white text looks on a background with the RYB color 155, 202, 192.

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](#).

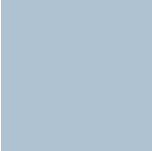
Dichromacy



Original Color
155, 202, 192

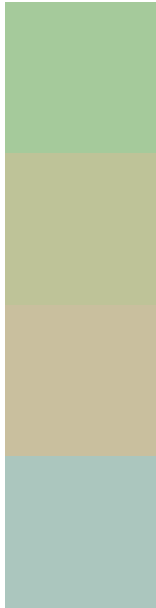
Protanopia
167, 204, 150

Deuteranopia
221, 201, 159



Tritanopia
174, 187, 210

Trichromacy



Original Color
155, 202, 192

Protanomaly
152, 195, 157

Deuteranomaly
171, 201, 158

Tritanomaly
171, 187, 198

Monochromacy



Original Color
155, 202, 192

Achromatopsia
186, 186, 186

Achromatomaly
175, 192, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 202, 192 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(165, 202, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 202, 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(165, 202, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 202, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 202, 192 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(165, 202, 155) }
```

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

```
.border{ border-color:rgb(165, 202, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 202, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 202, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 202, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 202,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 202, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 202, 155) }
```

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

```
.background{ background-color: rgb(165,  
202, 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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