

Converting Colors

`RYB(155, 188, 210)`

Have a look what the booklet for
RYB(155, 188, 210) contains.

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Color

R_YB(155, 188, 210)

Conversions

Conversions Part 1

Format	Color
Hex	9BD2C0
RGB	155, 210, 192
RGB Percent	61%, 82%, 75%
CMY	0.3922, 0.1765, 0.2484
CMYK	0.26, 0.00, 0.09, 0.18
HSL	160°, 38%, 72%
HSV	160°, 26%, 82%
XYZ	46.0417, 56.8528, 58.2228
YIQ	191.5030, -27.0020, -17.2580

Conversions

Conversions Part 2

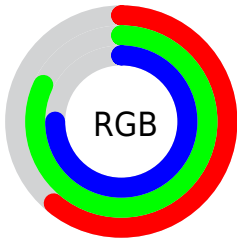
Format	Color
RYB	155, 188, 210
Decimal	10212032
CIELab	80.10, -21.53, 3.35
CIElCh	80, 21.787, 171.153
Yxy	56.8528, 0.2858, 0.3529
Android (android.graphics.Color)	4288402112 (0xFF9BD2C0)
YUV	191.5030, 0.2450, -32.0131
Hunter-Lab	75.4008, -22.9546, 6.9981

Details

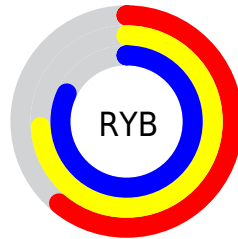
The RYB color **155, 188, 210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **210, 155, 173**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **210, 234, 255**, and **102, 133, 155** is the 20% darker color. If you saturate the color by 10%, you get **134, 179, 210**, and if you desaturate by 10%, it is **176, 196, 210**.

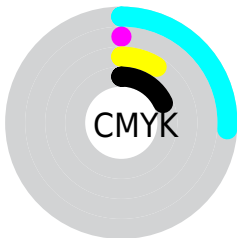
Distribution



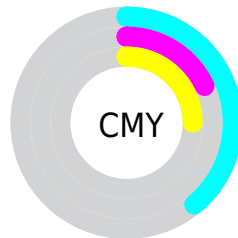
- Red (61%)
- Green (82%)
- Blue (75%)



- Red (61%)
- Yellow (74%)
- Blue (82%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (39%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 188, 210 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, 188, 210 by changing the saturation by 10% instead.

 155, 188, 210

255, 255, 255


 210, 234, 255

 239, 247, 255

 155, 188, 210


 128, 160, 182

 102, 134, 155

 77, 108, 129

 52, 83, 104

 26, 57, 80

 0, 32, 56


 0, 21, 35


 0, 1, 1


 0, 0, 0

 155, 188, 210


 155, 188, 210

 134, 179, 210


 176, 196, 210

 113, 171, 210


 197, 205, 210

 92, 163, 210


 218, 210, 213

 71, 154, 210

 239, 210, 220

 50, 146, 210

 255, 210, 227

 29, 137, 210

 255, 210, 234

 8, 129, 210

 255, 210, 241

 0, 126, 210

 255, 210, 248

 255, 210, 255

Harmonies

Analogous

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



173, 207, 204



155, 188, 210



144, 177, 212

Triad

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



155, 188, 210



194, 195, 236



235, 199, 168

Complementary

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



155, 188, 210



210, 155, 173

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.



241, 185, 185



155, 188, 210



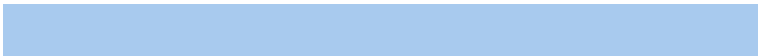
219, 189, 224

Square

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



155, 188, 210



168, 191, 238



236, 185, 206



201, 220, 159

Rectangle

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



155, 188, 210



145, 181, 225



236, 185, 206



238, 191, 173

Sweetspot

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



155, 188, 210



235, 247, 255



155, 210, 192



115, 123, 128



0, 0, 0



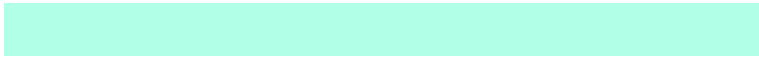
128, 128, 128

Same Dimension

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



155, 188, 210



176, 223, 255



155, 180, 210



94, 101, 105



0, 101, 168



0, 25, 41

Inverse Universe

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



210, 155, 173



255, 176, 202



210, 166, 155



105, 94, 98



168, 0, 56



41, 0, 14

Previews

White Background



This preview shows how the RYB color 155, 188, 210 looks on a white background.

Color Contrast Check

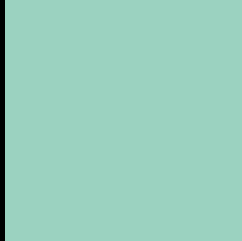
Large Text (above 18pt) WCAG AA × Fail

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, 188, 210 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, 188, 210 Background



This preview shows how black text looks on a background with the RYB color 155, 188, 210.

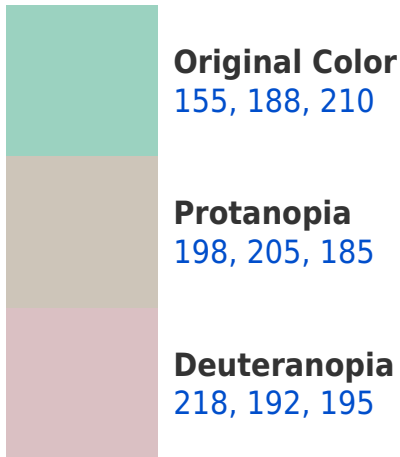


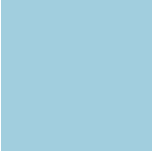
This preview shows how white text looks on a background with the RYB color 155, 188, 210.

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
161, 187, 222

Trichromacy



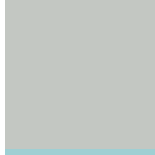
Original Color

155, 188, 210



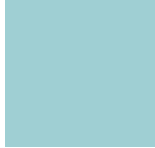
Protanomaly

187, 202, 202



Deuteranomaly

194, 199, 198



Tritanomaly

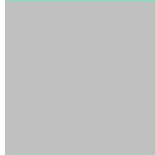
159, 184, 211

Monochromacy



Original Color

155, 188, 210



Achromatopsia

191, 191, 191



Achromatomaly

178, 190, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 188, 210 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(155, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(155, 210, 192)  
}
```

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(155, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 210, 192) }
```

Border

The CSS property to change the border of an element to RYB 155, 188, 210 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(155, 210, 192) }
```

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

```
.border{ border-color:rgb(155, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(155, 210,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 155, 188, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 210, 192) }
```

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

```
.background{ background-color: rgb(155,  
210, 192) }
```

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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