

Converting Colors

`RYB(155, 188, 221)`

Have a look what the booklet for
RYB(155, 188, 221) contains.

RYB(155, 188, 221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(155, 188, 221)`

Conversions

Conversions Part 1

Format	Color
Hex	9BDDDD
RGB	155, 221, 221
RGB Percent	61%, 87%, 87%
CMY	0.3922, 0.1333, 0.1333
CMYK	0.30, 0.00, 0.00, 0.13
HSL	180°, 49%, 74%
HSV	180°, 30%, 87%
XYZ	52.4252, 63.9019, 77.9778
YIQ	201.2660, -39.3360, -13.9920

Conversions

Conversions Part 2

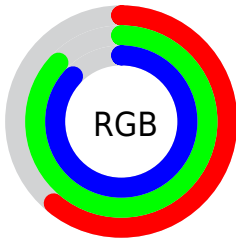
Format	Color
RYB	155, 188, 221
Decimal	10214877
CIELab	83.91, -20.62, -6.67
CIElCh	84, 21.669, 197.929
Yxy	63.9019, 0.2698, 0.3289
Android (android.graphics.Color)	4288404957 (0xFF9BDDDD)
YUV	201.2660, 9.7289, -40.5753
Hunter-Lab	79.9387, -22.8293, -1.8786

Details

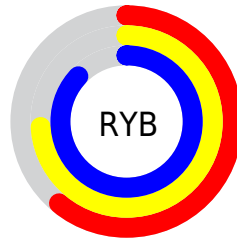
The RYB color **155, 188, 221** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **221, 155, 155**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **211, 233, 255**, and **101, 134, 166** is the 20% darker color. If you saturate the color by 10%, you get **133, 177, 221**, and if you desaturate by 10%, it is **177, 199, 221**.

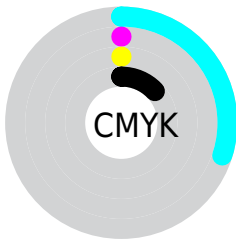
Distribution



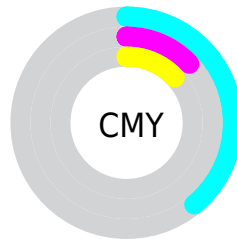
- Red (61%)
- Green (87%)
- Blue (87%)



- Red (61%)
- Yellow (74%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)




- Cyan (39%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 155, 188, 221 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, 221 by changing the saturation by 10% instead.


 155, 188, 221

 155, 188, 221


255, 255, 255

 128, 161, 193

 211, 233, 255


 101, 134, 166

 240, 248, 255


 74, 107, 140

 47, 81, 114

 15, 52, 90

 0, 33, 66


 0, 22, 44

 0, 12, 24


 0, 0, 0

 155, 188, 221


 155, 188, 221


 133, 177, 221


 177, 199, 221

 111, 166, 221


 199, 210, 221

 89, 155, 221


 221, 221, 221


 67, 144, 221

 243, 221, 221

 44, 133, 221

 255, 221, 221

 22, 122, 221

 0, 111, 221

Harmonies

Analogous

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



168, 201, 221



155, 188, 221



158, 193, 239

Triad

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



155, 188, 221



228, 200, 237



220, 233, 170

Complementary

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



155, 188, 221



221, 155, 155

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.



247, 207, 180



155, 188, 221



245, 196, 218

Square

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



155, 188, 221



202, 207, 248



252, 195, 198



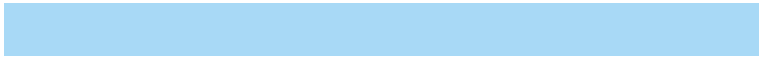
170, 212, 170

Rectangle

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



155, 188, 221



168, 198, 246



252, 195, 198



239, 230, 172

Sweetspot

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



155, 188, 221



232, 244, 255



155, 221, 221



113, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 188, 221



163, 209, 255



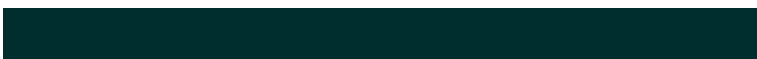
155, 177, 221



99, 105, 110



0, 87, 173



0, 23, 46

Inverse Universe

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



221, 155, 221



255, 163, 255



221, 221, 155



110, 99, 110



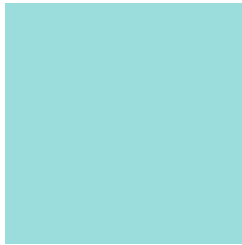
173, 0, 173



46, 0, 46

Previews

White Background



This preview shows how the RYB color 155, 188, 221 looks on a white background.

Color Contrast Check

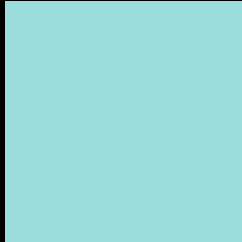
Large Text (above 18pt) WCAG AA × Fail

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, 221 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](#).

RYP 155, 188, 221 Background



This preview shows how black text looks on a background with the RYP color 155, 188, 221.

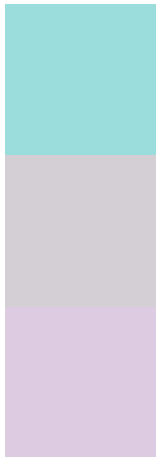


This preview shows how white text looks on a background with the RYP color 155, 188, 221.

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, 188, 221

Protanopia
211, 207, 213

Deuteranopia
221, 203, 225



Tritanopia
159, 193, 236

Trichromacy



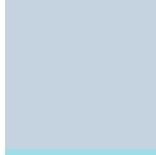
Original Color

155, 188, 221



Protanomaly

191, 202, 216



Deuteranomaly

197, 206, 224



Tritanomaly

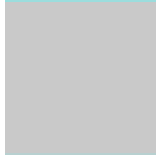
158, 192, 231

Monochromacy



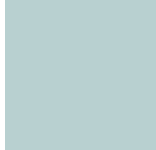
Original Color

155, 188, 221



Achromatopsia

201, 201, 201



Achromatomaly

184, 196, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 188, 221 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, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(155, 221, 221)  
}
```

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, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 221, 221) }
```

Border

The CSS property to change the border of an element to RYB 155, 188, 221 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, 221, 221) }
```

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

```
.border{ border-color:rgb(155, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 221, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 221, 221); box-shadow:4px 4px 4px 4px rgb(155, 221, 221) }
```

Background

The CSS property to change the background color of an element to RYB 155, 188, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 221, 221) }
```

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

```
.background{ background-color: rgb(155,  
221, 221) }
```

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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