

Converting Colors

`RYB(155, 222, 190)`

Have a look what the booklet for
RYB(155, 222, 190) contains.

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Color

R_YB(155, 222, 190)

Conversions

Conversions Part 1

Format	Color
Hex	BBDE9B
RGB	187, 222, 155
RGB Percent	73%, 87%, 61%
CMY	0.2667, 0.1294, 0.3922
CMYK	0.16, 0.00, 0.30, 0.13
HSL	91°, 50%, 74%
HSV	91°, 30%, 87%
XYZ	52.5312, 65.1739, 40.8215
YIQ	203.8970, 0.6470, -28.2570

Conversions

Conversions Part 2

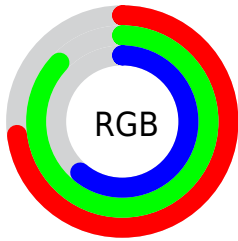
Format	Color
RYB	155, 222, 190
Decimal	12312219
CIELab	84.57, -23.18, 29.19
CIELCh	85, 37.272, 128.453
Yxy	65.1739, 0.3314, 0.4111
Android (android.graphics.Color)	4290502299 (0xFFBBDE9B)
YUV	203.8970, -24.1062, -14.8187
Hunter-Lab	80.7304, -25.1283, 26.5311

Details

The RYB color **155, 222, 190** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190, 155, 222**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **210, 255, 221**, and **103, 167, 137** is the 20% darker color. If you saturate the color by 10%, you get **133, 222, 180**, and if you desaturate by 10%, it is **177, 222, 200**.

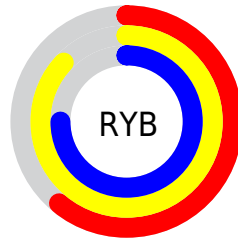
Distribution



Red (73%)

Green (87%)

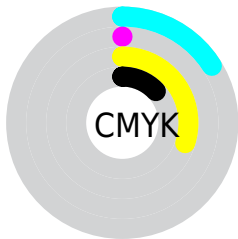
Blue (61%)



Red (61%)

Yellow (87%)

Blue (75%)

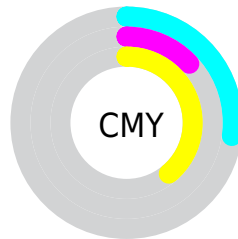


Cyan (16%)

Magenta (0%)

Yellow (30%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 222, 190 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, 222, 190 by changing the saturation by 10% instead.


 155, 222, 190

255, 255, 255


 210, 255, 221

 238, 255, 238

 155, 222, 190

 129, 194, 163

 103, 167, 137

 79, 140, 112

 55, 115, 88

 32, 90, 65

 8, 66, 40

 0, 44, 33

 0, 25, 25

 0, 0, 0

 155, 222, 190

 155, 222, 190

 133, 222, 180

 177, 222, 200

 111, 222, 169

 199, 222, 211

 88, 222, 158

 222, 222, 222

 66, 222, 147

 233, 222, 244

 44, 222, 137

 245, 222, 255

 22, 222, 127

 255, 222, 255

 0, 222, 116

Harmonies

Analogous

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



158, 226, 141



155, 222, 190



145, 201, 228

Triad

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



155, 222, 190



126, 181, 255



255, 185, 202

Complementary

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



155, 222, 190



190, 155, 222

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.



255, 188, 238



155, 222, 190



179, 202, 255

Square

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



155, 222, 190



94, 167, 254



229, 198, 255



255, 197, 169

Rectangle

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



155, 222, 190



119, 181, 230



229, 198, 255



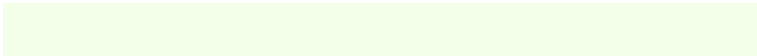
255, 185, 214

Sweetspot

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



155, 222, 190



232, 255, 244



216, 222, 155



113, 128, 121



0, 0, 0



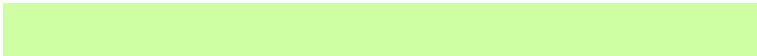
128, 128, 128

Same Dimension

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



155, 222, 190



163, 255, 211



155, 221, 222



101, 112, 107



0, 176, 92



0, 48, 25

Inverse Universe

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



190, 155, 222



211, 163, 255



222, 155, 221



107, 101, 112



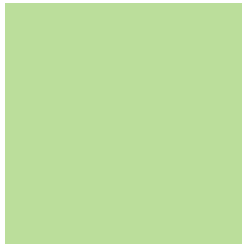
92, 0, 176



25, 0, 48

Previews

White Background



This preview shows how the RYB color 155, 222, 190 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, 222, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

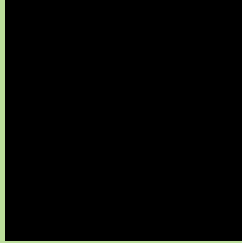
Any Text WCAG AA ✓ Pass

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, 222, 190 Background



This preview shows how black text looks on a background with the RYB color 155, 222, 190.

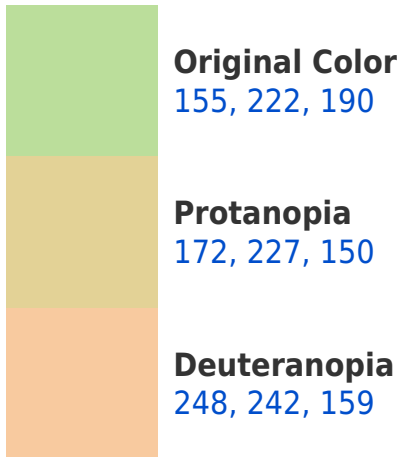


This preview shows how white text looks on a background with the RYB color 155, 222, 190.

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





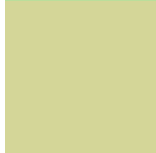
Tritanopia
198, 208, 229

Trichromacy



Original Color

155, 222, 190



Protanomaly

152, 214, 154



Deuteranomaly

181, 226, 158



Tritanomaly

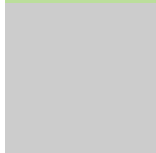
194, 210, 216

Monochromacy



Original Color

155, 222, 190



Achromatopsia

204, 204, 204



Achromatomaly

186, 211, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 222, 190 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(187, 222, 155)` looks like.

```
.text, #text, p{  
    color:rgb(187, 222, 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(187, 222, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 222, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 222, 190 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(187, 222, 155) }
```

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

```
.border{ border-color:rgb(187, 222, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 222, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 222, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 222, 155);  
box-shadow:4px 4px 4px 4px rgb(187, 222,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 222, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 222, 155) }
```

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

```
.background{ background-color: rgb(187,  
222, 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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