

Converting Colors

`RYB(119, 205, 190)`

Have a look what the booklet for
RYB(119, 205, 190) contains.

RYB(119, 205, 190)	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

R_YB(119, 205, 190)

Conversions

Conversions Part 1

Format	Color
Hex	86CD77
RGB	134, 205, 119
RGB Percent	53%, 80%, 47%
CMY	0.4745, 0.1961, 0.5333
CMYK	0.35, 0.00, 0.42, 0.20
HSL	110°, 46%, 64%
HSV	110°, 42%, 80%
XYZ	34.9926, 50.0629, 25.2716
YIQ	173.9670, -14.7100, -41.7980

Conversions

Conversions Part 2

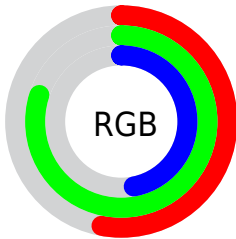
Format	Color
RYB	119, 205, 190
Decimal	8834423
CIELab	76.11, -38.66, 35.90
CIElCh	76, 52.755, 137.122
Yxy	50.0629, 0.3172, 0.4538
Android (android.graphics.Color)	4287024503 (0xFF86CD77)
YUV	173.9670, -27.0987, -35.0511
Hunter-Lab	70.7551, -35.5426, 28.3520

Details

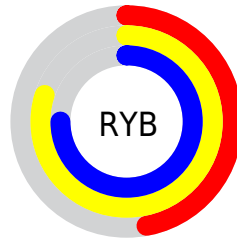
The RYB color **119, 205, 190** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **190, 119, 205**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **172, 255, 237**, and **69, 150, 139** is the 20% darker color. If you saturate the color by 10%, you get **99, 205, 187**, and if you desaturate by 10%, it is **139, 205, 193**.

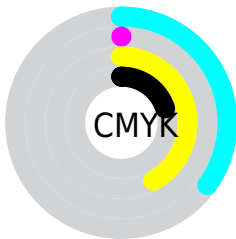
Distribution



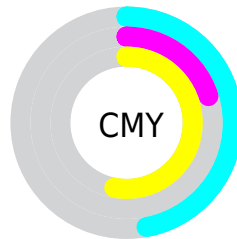
- Red (53%)
- Green (80%)
- Blue (47%)



- Red (47%)
- Yellow (80%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (42%)
- Black (20%)



- Cyan (47%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 205, 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 119, 205, 190 by changing the saturation by 10% instead.

 119, 205, 190


255, 255, 255


 172, 255, 237


 200, 255, 237

 228, 255, 235

 119, 205, 190

 93, 177, 163

 69, 150, 139

 44, 124, 115

 20, 99, 96

 0, 74, 74

 0, 51, 51

 0, 30, 30

 0, 0, 0

 119, 205, 190

 119, 205, 190

■ 99, 205, 187

■ 139, 205, 193

■ 78, 205, 183

■ 160, 205, 197

■ 58, 205, 180

■ 181, 205, 201

■ 37, 205, 176

■ 201, 205, 204

■ 16, 205, 172

■ 219, 205, 222

■ 0, 205, 169

■ 236, 205, 242

■ 252, 205, 255

■ 255, 205, 255

Harmonies

Analogous

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



91, 194, 95



119, 205, 190



50, 144, 211

Triad

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



119, 205, 190



24, 124, 255



255, 148, 162

Complementary

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



119, 205, 190



190, 119, 205

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, 149, 211



119, 205, 190



157, 178, 255

Square

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



119, 205, 190



0, 115, 255



227, 164, 254



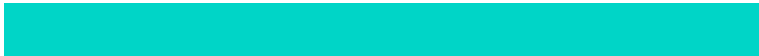
255, 179, 118

Rectangle

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



119, 205, 190



0, 110, 213



227, 164, 254



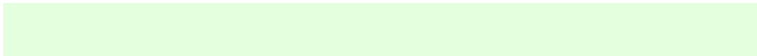
255, 147, 178

Sweetspot

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



119, 205, 190



222, 255, 249



139, 205, 119



107, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



119, 205, 190



128, 255, 233



119, 184, 205



92, 102, 100



0, 166, 137



0, 38, 31

Inverse Universe

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



190, 119, 205



233, 128, 255



205, 119, 178



100, 92, 102



137, 0, 166



32, 0, 38

Previews

White Background



This preview shows how the RYB color 119, 205, 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 119, 205, 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 119, 205, 190 Background



This preview shows how black text looks on a background with the RYB color 119, 205, 190.

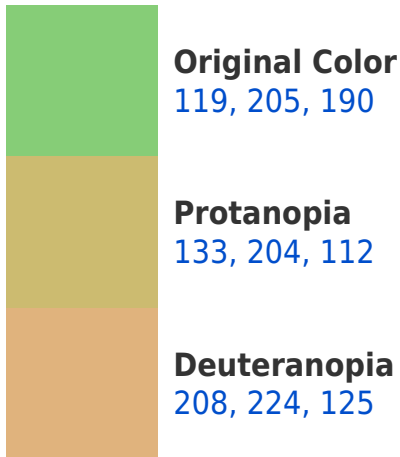


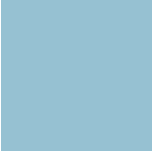
This preview shows how white text looks on a background with the RYB color 119, 205, 190.

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
150, 175, 210

Trichromacy



Original Color

119, 205, 190



Protanomaly

115, 194, 130



Deuteranomaly

126, 191, 123



Tritanomaly

144, 178, 198

Monochromacy



Original Color

119, 205, 190



Achromatopsia

174, 174, 174



Achromatomaly

154, 185, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 205, 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(134, 205, 119)` looks like.

```
.text, #text, p{  
    color:rgb(134, 205, 119)  
}
```

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(134, 205, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 205, 119) }
```

Border

The CSS property to change the border of an element to RYB 119, 205, 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(134, 205, 119) }
```

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

```
.border{ border-color:rgb(134, 205, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 205, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 205, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 205, 119);  
box-shadow:4px 4px 4px 4px rgb(134, 205,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 119, 205, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 205, 119) }
```

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

```
.background{ background-color: rgb(134,  
205, 119) }
```

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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