

Converting Colors

`RYB(15, 192, 178)`

Have a look what the booklet for
RYB(15, 192, 178) contains.

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Color

`RYB(15, 192, 178)`

Conversions

Conversions Part 1

Format	Color
Hex	1DC00F
RGB	29, 192, 15
RGB Percent	11%, 75%, 6%
CMY	0.8863, 0.2471, 0.9412
CMYK	0.85, 0.00, 0.92, 0.25
HSL	115°, 86%, 41%
HSV	115°, 92%, 75%
XYZ	19.4426, 37.9950, 6.7610
YIQ	123.0850, -40.3310, -89.6030

Conversions

Conversions Part 2

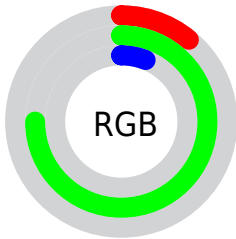
Format	Color
RYB	15, 192, 178
Decimal	1949711
CIELab	68.02, -67.54, 65.66
CIELCh	68, 94.192, 135.807
Yxy	37.9950, 0.3029, 0.5918
Android (android.graphics.Color)	4280139791 (0xFF1DC00F)
YUV	123.0850, -53.2859, -82.5125
Hunter-Lab	61.6401, -51.5675, 36.6448

Details

The RYB color **15, 192, 178** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **178, 15, 192**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **84, 250, 225**, and **0, 137, 137** is the 20% darker color. If you saturate the color by 10%, you get **0, 192, 177**, and if you desaturate by 10%, it is **34, 192, 179**.

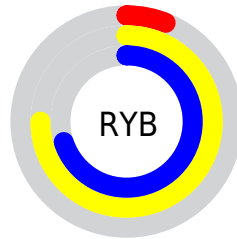
Distribution



Red (11%)

Green (75%)

Blue (6%)



Red (6%)

Yellow (75%)

Blue (70%)

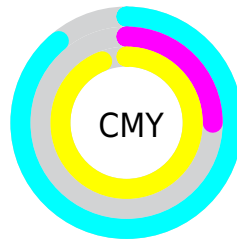


Cyan (85%)

Magenta (0%)

Yellow (92%)

Black (25%)



Cyan (89%)

Magenta (25%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the RYB color 15, 192, 178 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 15, 192, 178 by changing the saturation by 10% instead.



15, 192, 178



15, 192, 178

255, 255, 255



0, 164, 164



84, 250, 225



0, 137, 137



112, 255, 226



0, 110, 110



140, 255, 223



0, 84, 84



168, 255, 221



0, 60, 60



197, 255, 219



0, 35, 35



226, 255, 226



0, 0, 0



15, 192, 178




15, 192, 178





0, 192, 177





34, 192, 179

 53, 192, 181

 73, 192, 183

 92, 192, 184

 111, 192, 186

 130, 192, 187

 149, 192, 188

 169, 192, 191

 188, 192, 192

Harmonies

Analogous

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



0, 176, 18



15, 192, 178



0, 125, 200

Triad

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



15, 192, 178



0, 108, 255



255, 55, 125

Complementary

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



15, 192, 178



178, 15, 192

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, 65, 210



15, 192, 178



0, 99, 255

Square

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



15, 192, 178



0, 112, 255



223, 118, 255



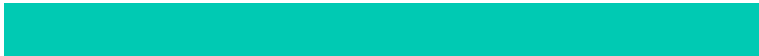
255, 130, 41

Rectangle

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



15, 192, 178



0, 107, 202



223, 118, 255



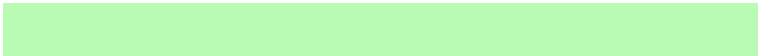
255, 47, 153

Sweetspot

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



15, 192, 178



180, 250, 245



31, 192, 15



82, 125, 121



252, 252, 252



125, 125, 125

Same Dimension

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



15, 192, 178



0, 250, 230



15, 140, 192



87, 97, 96



0, 161, 148



0, 33, 30

Inverse Universe

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



178, 15, 192



230, 0, 250



192, 15, 118



96, 87, 97



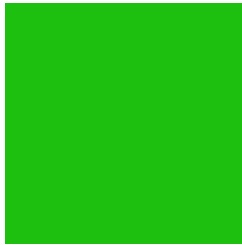
148, 0, 161



31, 0, 33

Previews

White Background



This preview shows how the RYB color 15, 192, 178 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 15, 192, 178 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](#).

RGB 15, 192, 178 Background



This preview shows how black text looks on a background with the RGB color 15, 192, 178.

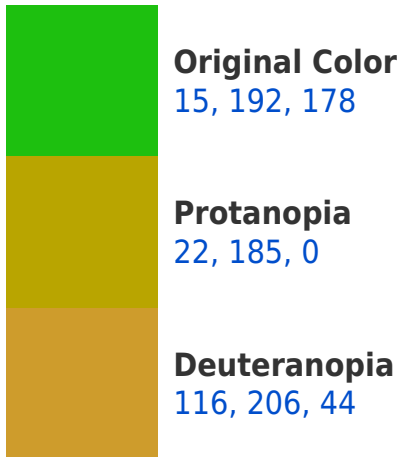


This preview shows how white text looks on a background with the RGB color 15, 192, 178.

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
84, 135, 193

Trichromacy



Original Color

15, 192, 178



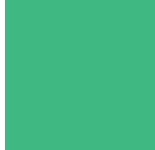
Protanomaly

5, 175, 52



Deuteranomaly

33, 169, 60



Tritanomaly

64, 142, 184

Monochromacy



Original Color

15, 192, 178



Achromatopsia

123, 123, 123



Achromatomaly

84, 148, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 15, 192, 178 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(29, 192, 15)` looks like.

```
.text, #text, p{  
    color:rgb(29, 192, 15)  
}
```

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(29, 192, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 192, 15) }
```

Border

The CSS property to change the border of an element to RYB 15, 192, 178 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(29, 192, 15) }
```

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

```
.border{ border-color:rgb(29, 192, 15) }
```

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

Here you see how a box with a 4 pixel rgb(29, 192, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 192, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 192, 15);  
box-shadow:4px 4px 4px 4px rgb(29, 192,  
15) }
```

Background

The CSS property to change the background color of an element to RGB 29, 192, 15 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 192, 15) }
```

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

```
.background{ background-color: rgb(29, 192,  
15) }
```

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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