

Converting Colors

CIELCh(68, 62.254, 154.690)

Have a look what the booklet for
CIELCh(68, 62.254, 154.690)
contains.

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Color

CIELCh(68, 62.207, 154.684)

Conversions

Conversions Part 1

Format	Color
Hex	18BD73
RGB	24, 189, 115
RGB Percent	9%, 74%, 45%
CMY	0.9065, 0.2575, 0.5479
CMYK	0.87, 0.00, 0.39, 0.26
HSL	153°, 78%, 42%
HSV	153°, 87%, 74%
XYZ	21.7518, 37.9720, 22.4917
YIQ	131.2290, -74.5860, -57.9940

Conversions

Conversions Part 2

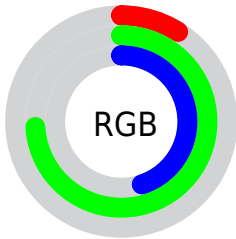
Format	Color
RYB	24, 130, 189
Decimal	1621363
CIELab	68.00, -56.23, 26.60
CIElCh	68, 62.207, 154.684
Yxy	37.9720, 0.2646, 0.4619
Android (android.graphics.Color)	4279811443 (0xFF18BD73)
YUV	131.2290, -8.0009, -94.0398
Hunter-Lab	61.6215, -44.8288, 21.4943

Details

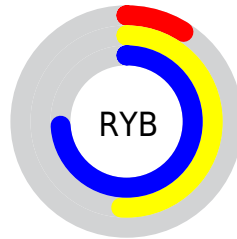
The CIELCh color **68, 62.207, 154.684** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **42, 65.007, 1.813**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 61.736, 154.851**, and **49, 54.888, 149.435** is the 20% darker color. If you saturate the color by 10%, you get **68, 66.329, 152.468**, and if you desaturate by 10%, it is **68, 57.365, 156.723**.

Distribution



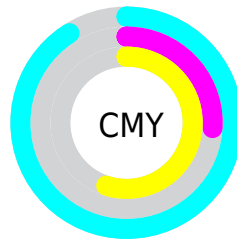
- Red (9%)
- Green (74%)
- Blue (45%)



- Red (9%)
- Yellow (51%)
- Blue (74%)



- Cyan (87%)
- Magenta (0%)
- Yellow (39%)
- Black (26%)



- Cyan (91%)
- Magenta (26%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 62.207, 154.684 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 CIELCh color 68, 62.207, 154.684 by changing the saturation by 10% instead.

 68, 62.207,
154.684

 68, 62.207,
154.684


 100, 62.207,
154.684

 58, 62.207,
154.684


 88, 62.207,
154.684

 48, 62.207,
154.684

 98, 62.207,
154.684

 38, 62.207,
154.684

 28, 62.207,
154.684

 18, 62.207,
154.684

 8, 62.207, 154.684

 0, 62.207, 154.684

■ 68, 62.207,
154.684

■ 68, 62.207,
154.684

■ 68, 66.329,
152.468

■ 68, 57.365,
156.723

■ 68, 67.347,
151.909

■ 69, 51.737,
158.551

■ 70, 45.359,
160.175

■ 70, 38.322,
161.613

■ 71, 30.753,
162.890

■ 73, 22.789,
164.031

■ 74, 14.568,
165.061

■ 76, 6.212, 166.022

Harmonies

Complementary

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



68, 62.207, 154.684



42, 65.007, 1.813

Rectangle

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



68, 62.207, 154.684



68, 62.207, 204.684



68, 62.207, 334.684



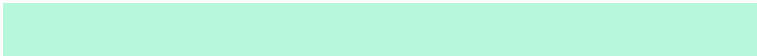
68, 62.207, 24.684

Sweetspot

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



68, 62.207, 154.684



93, 26.879, 164.137



69, 83.781, 128.498



49, 18.311, 163.754



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 62.207, 154.684



86, 82.994, 151.497



67, 36.822, 203.831



39, 4.737, 165.836



57, 58.546, 152.251



9, 15.999, 159.363

Inverse Universe

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



42, 65.007, 1.813



53, 82.526, 8.044



41, 74.937, 37.504



37, 4.811, 347.351



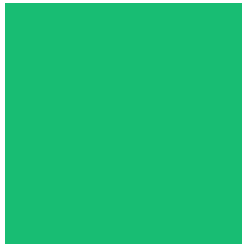
33, 59.061, 6.438



3, 13.573, 354.669

Previews

White Background



This preview shows how the CIELCh color 68, 62.207, 154.684 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 CIELCh color 68, 62.207, 154.684 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](#).

CIELCh 68, 62.207, 154.684

Background



This preview shows how black text looks on a background with the CIELCh color 68, 62.207, 154.684.

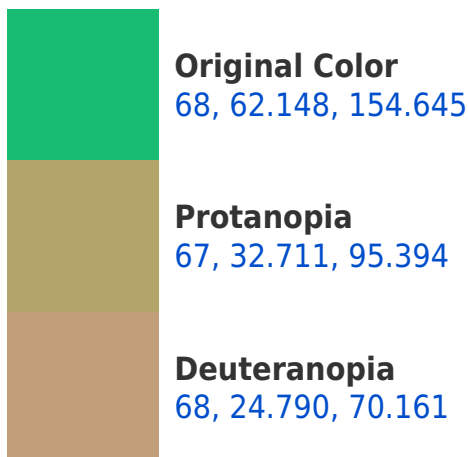


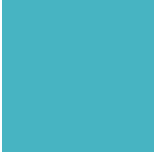
This preview shows how white text looks on a background with the CIELCh color 68, 62.207, 154.684.

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](#).

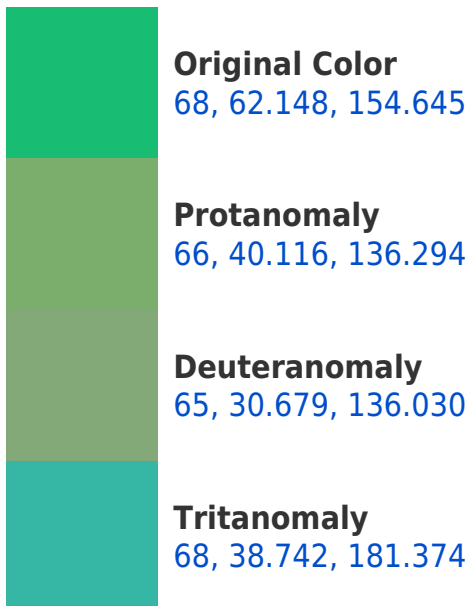
Dichromacy



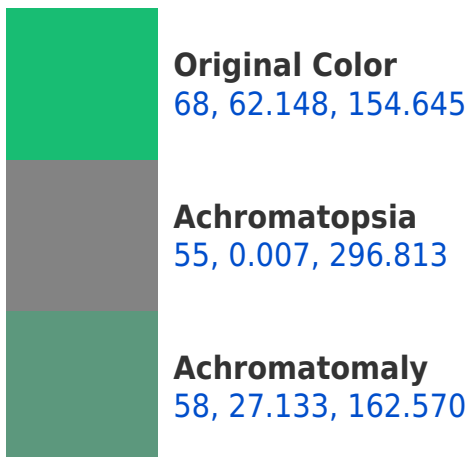


Tritanopia
68, 31.120, 211.652

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 62.207, 154.684 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(24, 189, 115)` looks like.

```
.text, #text, p{  
    color:rgb(24, 189, 115)  
}
```

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(24, 189, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 189, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 62.207, 154.684 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(24, 189, 115) }
```

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

```
.border{ border-color:rgb(24, 189, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 189, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 189, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 189, 115);  
box-shadow:4px 4px 4px 4px rgb(24, 189,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 62.207, 154.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 189, 115) }
```

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

```
.background{ background-color: rgb(24, 189,  
115) }
```

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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