

Converting Colors

CIELCh(67, 55.128, 159.266)

Have a look what the booklet for
CIELCh(67, 55.128, 159.266)
contains.

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Color

CIELCh(67, 55.088, 159.295)

Conversions

Conversions Part 1

Format	Color
Hex	22B97E
RGB	34, 185, 126
RGB Percent	13%, 73%, 49%
CMY	0.8653, 0.2738, 0.5052
CMYK	0.81, 0.00, 0.32, 0.27
HSL	157°, 69%, 43%
HSV	157°, 81%, 73%
XYZ	21.8356, 36.6320, 25.7162
YIQ	133.1250, -71.0570, -50.3610

Conversions

Conversions Part 2

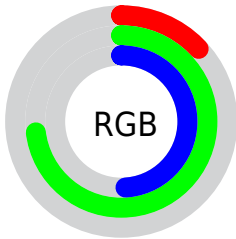
Format	Color
RYB	34, 128, 185
Decimal	2275710
CIELab	67.00, -51.53, 19.48
CIELCh	67, 55.088, 159.295
Yxy	36.6320, 0.2594, 0.4351
Android (android.graphics.Color)	4280465790 (0xFF22B97E)
YUV	133.1250, -3.5126, -86.9326
Hunter-Lab	60.5244, -41.5194, 17.1753

Details

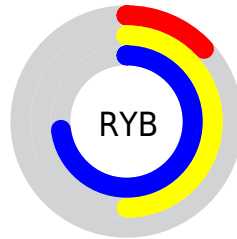
The CIELCh color **67, 55.088, 159.295** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **42, 61.406, 4.285**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 55.026, 159.350**, and **48, 48.696, 154.737** is the 20% darker color. If you saturate the color by 10%, you get **67, 59.106, 157.202**, and if you desaturate by 10%, it is **67, 50.318, 161.180**.

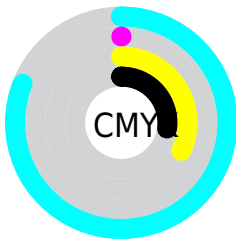
Distribution



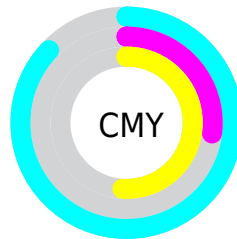
- Red (13%)
- Green (73%)
- Blue (49%)



- Red (13%)
- Yellow (50%)
- Blue (73%)



- Cyan (81%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)





- Cyan (87%)
- Magenta (27%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 55.088, 159.295 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 67, 55.088, 159.295 by changing the saturation by 10% instead.


 67, 55.088,
159.295


 67, 55.088,
159.295


 100, 55.088,
159.295


 57, 55.088,
159.295


 87, 55.088,
159.295

 47, 55.088,
159.295

 97, 55.088,
159.295

 37, 55.088,
159.295

 27, 55.088,
159.295

 17, 55.088,
159.295

 7, 55.088, 159.295

 0, 55.088, 159.295

■ 67, 55.088,
159.295

■ 67, 55.088,
159.295

■ 67, 59.106,
157.202

■ 67, 50.318,
161.180

■ 66, 62.097,
155.328

■ 68, 44.792,
162.862

■ 69, 38.573,
164.358

■ 70, 31.764,
165.692

■ 71, 24.490,
166.889

■ 72, 16.883,
167.974

■ 73, 9.065, 168.976

■ 75, 1.147, 170.196

Harmonies

Complementary

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



67, 55.088, 159.295



42, 61.406, 4.285

Rectangle

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



67, 55.088, 159.295



67, 55.088, 209.295



67, 55.088, 339.295



67, 55.088, 29.295

Sweetspot

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



67, 55.088, 159.295



90, 23.233, 167.665



68, 80.264, 129.684



47, 15.892, 167.283



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 55.088, 159.295



84, 75.105, 155.371



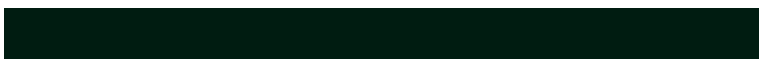
64, 33.905, 211.389



38, 4.456, 169.183



57, 54.257, 155.662



8, 13.383, 162.813

Inverse Universe

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



42, 61.406, 4.285



51, 80.717, 12.454



42, 67.227, 37.648



36, 4.543, 350.745



33, 58.635, 11.746



2, 11.581, 356.887

Previews

White Background



This preview shows how the CIELCh color 67, 55.088, 159.295 looks on a white background.

Color Contrast Check

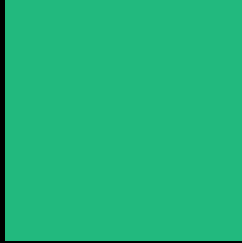
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 55.088, 159.295 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 67, 55.088, 159.295

Background



This preview shows how black text looks on a background with the CIELCh color 67, 55.088, 159.295.

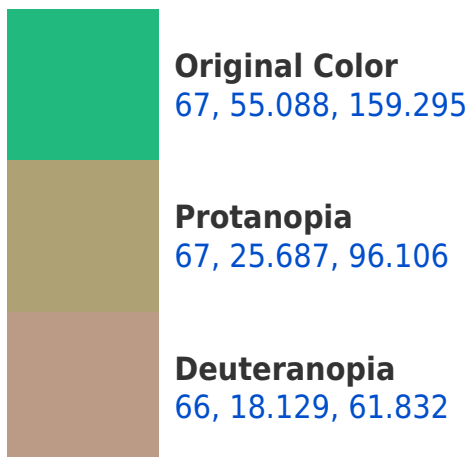


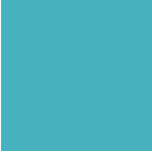
This preview shows how white text looks on a background with the CIELCh color 67, 55.088, 159.295.

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
67, 30.685, 211.917

Trichromacy



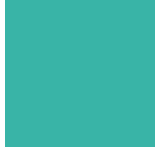
Original Color
67, 55.088, 159.295



Protanomaly
65, 33.150, 140.991



Deuteranomaly
65, 23.771, 143.108



Tritanomaly
67, 36.534, 185.030

Monochromacy



Original Color
67, 55.088, 159.295



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 23.664, 166.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 55.088, 159.295 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(34, 185, 126)` looks like.

```
.text, #text, p{  
    color:rgb(34, 185, 126)  
}
```

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(34, 185, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 185, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 55.088, 159.295 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(34, 185, 126) }
```

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

```
.border{ border-color:rgb(34, 185, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 185, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 185, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 185, 126);  
box-shadow:4px 4px 4px 4px rgb(34, 185,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 55.088, 159.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 185, 126) }
```

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

```
.background{ background-color: rgb(34, 185,  
126) }
```

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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