

Converting Colors

CIELCh(67, 54.688, 162.183)

Have a look what the booklet for
CIELCh(67, 54.688, 162.183)
contains.

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Color

CIELCh(67, 55.029, 161.953)

Conversions

Conversions Part 1

Format	Color
Hex	0ABA83
RGB	10, 186, 131
RGB Percent	4%, 73%, 51%
CMY	0.9600, 0.2723, 0.4878
CMYK	0.95, 0.00, 0.30, 0.27
HSL	161°, 90%, 38%
HSV	161°, 95%, 73%
XYZ	21.6667, 36.6320, 27.2619
YIQ	127.1060, -87.2410, -54.4170

Conversions

Conversions Part 2

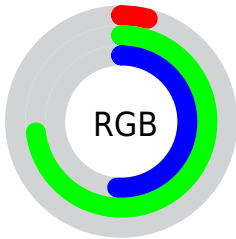
Format	Color
RYB	10, 114, 186
Decimal	703107
CIELab	67.00, -52.32, 17.05
CIELCh	67, 55.029, 161.953
Yxy	36.6320, 0.2532, 0.4281
Android (android.graphics.Color)	4278893187 (0xFF0ABA83)
YUV	127.1060, 1.9197, -102.7020
Hunter-Lab	60.5244, -42.0176, 15.6611

Details

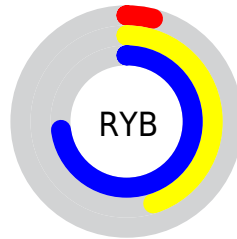
The CIELCh color **67, 55.029, 161.953** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **40, 66.734, 17.051**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 54.989, 161.924**, and **48, 47.019, 156.666** is the 20% darker color. If you saturate the color by 10%, you get **67, 56.586, 160.798**, and if you desaturate by 10%, it is **67, 51.870, 164.014**.

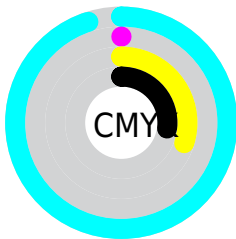
Distribution



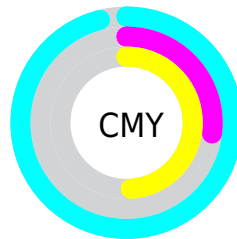
- Red (4%)
- Green (73%)
- Blue (51%)



- Red (4%)
- Yellow (45%)
- Blue (73%)



- Cyan (95%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)





- Cyan (96%)
- Magenta (27%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 55.029, 161.953 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, 55.029, 161.953 by changing the saturation by 10% instead.


 67, 55.029,
161.953


 67, 55.029,
161.953


 100, 55.029,
161.953


 57, 55.029,
161.953


 87, 55.029,
161.953

 47, 55.029,
161.953

 97, 55.029,
161.953

 37, 55.029,
161.953

 27, 55.029,
161.953

 17, 55.029,
161.953

 7, 55.029, 161.953

 0, 55.029, 161.953

■ 67, 55.029,
161.953

■ 67, 55.029,
161.953

■ 67, 56.586,
160.798

■ 67, 51.870,
164.014

■ 68, 47.975,
165.878

■ 68, 43.310,
167.547

■ 69, 37.908,
169.039

■ 70, 31.850,
170.380

■ 71, 25.248,
171.592

■ 72, 18.226,
172.701

■ 73, 10.908,

173.731

■ 75, 3.407, 174.762

Harmonies

Complementary

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



67, 55.029, 161.953



40, 66.734, 17.051

Rectangle

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



67, 55.029, 161.953



67, 55.029, 211.953



67, 55.029, 341.953



67, 55.029, 31.953

Sweetspot

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



67, 55.029, 161.952



91, 25.713, 172.272



67, 88.663, 132.483



48, 17.764, 171.787



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 55.029, 161.952



85, 69.564, 160.397



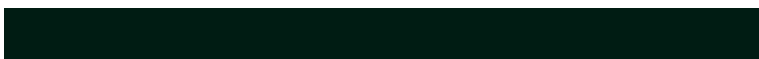
59, 34.006, 230.083



38, 4.240, 174.249



57, 49.407, 161.122



8, 12.623, 167.597

Inverse Universe

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



40, 66.734, 17.051



51, 84.276, 20.954



41, 75.027, 42.579



36, 4.350, 355.850



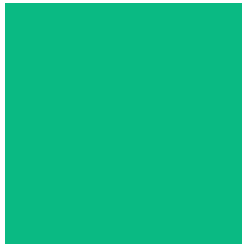
32, 60.009, 19.061



2, 11.258, 1.051

Previews

White Background



This preview shows how the CIELCh color 67, 55.029, 161.953 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, 55.029, 161.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

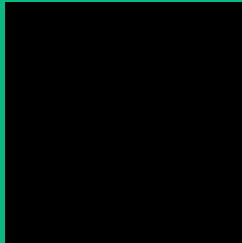
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 55.029, 161.953

Background



This preview shows how black text looks on a background with the CIELCh color 67, 55.029, 161.953.

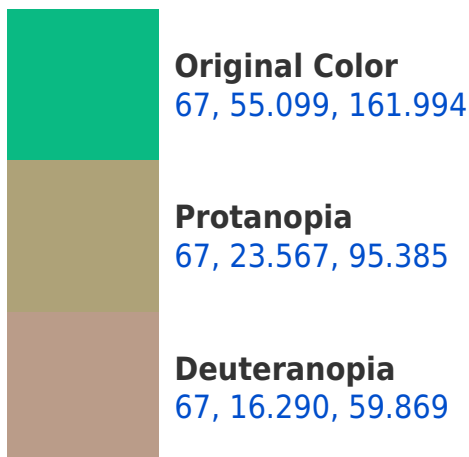


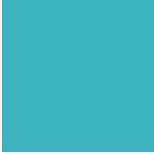
This preview shows how white text looks on a background with the CIELCh color 67, 55.029, 161.953.

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, 31.980, 211.209

Trichromacy



Original Color
67, 55.099, 161.994



Protanomaly
65, 33.991, 147.164



Deuteranomaly
65, 24.814, 151.770



Tritanomaly
67, 37.990, 187.087

Monochromacy



Original Color
67, 55.099, 161.994



Achromatopsia
53, 0.007, 296.813



Achromatomaly
57, 25.579, 170.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 55.029, 161.953 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(10, 186, 131)` looks like.

```
.text, #text, p{  
    color:rgb(10, 186, 131)  
}
```

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(10, 186, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 186, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 55.029, 161.953 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(10, 186, 131) }
```

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

```
.border{ border-color:rgb(10, 186, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 186, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 186, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 186, 131);  
box-shadow:4px 4px 4px 4px rgb(10, 186,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 55.029, 161.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 186, 131) }
```

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

```
.background{ background-color: rgb(10, 186,  
131) }
```

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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