

Converting Colors

CIELCh(67, 37.184, 202.415)

Have a look what the booklet for
CIELCh(67, 37.184, 202.415)
contains.

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Color

CIELCh(67, 37.333, 201.704)

Conversions

Conversions Part 1

Format	Color
Hex	11B5BB
RGB	17, 181, 187
RGB Percent	7%, 71%, 73%
CMY	0.9330, 0.2913, 0.2677
CMYK	0.91, 0.03, 0.00, 0.27
HSL	182°, 83%, 40%
HSV	182°, 91%, 73%
XYZ	25.6406, 36.6320, 52.5798
YIQ	132.6480, -99.6700, -32.9020

Conversions

Conversions Part 2

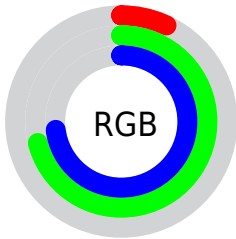
Format	Color
R _Y B	17, 100, 187
Decimal	1160635
CIE Lab	67.00, -34.69, -13.81
CIE LCh	67, 37.333, 201.704
Yxy	36.6320, 0.2232, 0.3189
Android (android.graphics.Color)	4279350715 (0xFF11B5BB)
YUV	132.6480, 26.7955, -101.4233
Hunter-Lab	60.5244, -30.2978, -9.1404

Details

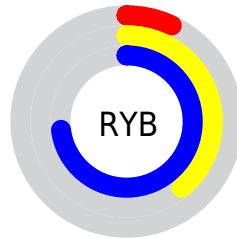
The CIELCh color **67, 37.333, 201.704** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **40, 76.931, 38.070**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 37.227, 201.948**, and **48, 29.045, 204.840** is the 20% darker color. If you saturate the color by 10%, you get **67, 37.775, 202.130**, and if you desaturate by 10%, it is **67, 36.270, 201.341**.

Distribution



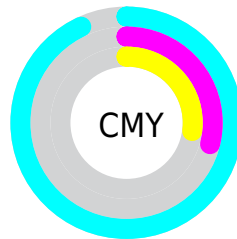
- Red (7%)
- Green (71%)
- Blue (73%)



- Red (7%)
- Yellow (39%)
- Blue (73%)



- Cyan (91%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)




- Cyan (93%)
- Magenta (29%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 37.333, 201.704 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, 37.333, 201.704 by changing the saturation by 10% instead.


 67, 37.333,
201.704


 67, 37.333,
201.704


 100, 37.333,
201.704


 57, 37.333,
201.704


 87, 37.333,
201.704

 47, 37.333,
201.704

 97, 37.333,
201.704

 37, 37.333,
201.704

 27, 37.333,
201.704

 17, 37.333,
201.704

 7, 37.333, 201.704

 0, 37.333, 201.704

■ 67, 37.333,
201.704

■ 67, 37.333,
201.704

■ 67, 37.775,
202.130

■ 67, 36.270,
201.341

■ 68, 34.399,
201.113

■ 69, 31.680,
201.013

■ 69, 28.128,
201.032

■ 70, 23.796,
201.157

■ 71, 18.771,
201.379

■ 73, 13.155,
201.685

■ 74, 7.052, 202.081

Harmonies

Complementary

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



67, 37.333, 201.704



40, 76.931, 38.070

Rectangle

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



67, 37.333, 201.704



67, 37.333, 251.704



67, 37.333, 21.704



67, 37.333, 71.704

Sweetspot

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



67, 37.332, 201.703



91, 20.563, 201.474



66, 91.596, 136.771



48, 13.786, 201.378



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, 37.332, 201.703



85, 45.891, 202.228



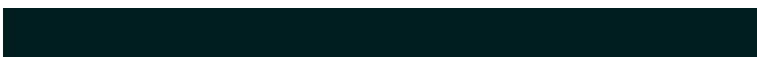
41, 55.281, 283.324



39, 3.728, 202.152



57, 33.420, 202.054



9, 11.116, 201.269

Inverse Universe

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



45, 87.230, 329.506



57, 108.076, 329.715



53, 62.678, 65.717



37, 6.901, 325.892



37, 78.666, 329.671



3, 20.760, 326.694

Previews

White Background



This preview shows how the CIELCh color 67, 37.333, 201.704 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 67, 37.333, 201.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

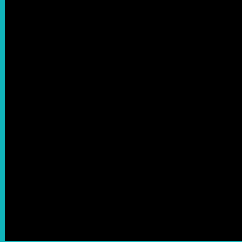
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

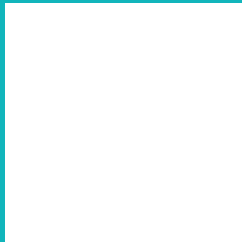
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 37.333, 201.704

Background



This preview shows how black text looks on a background with the CIELCh color 67, 37.333, 201.704.

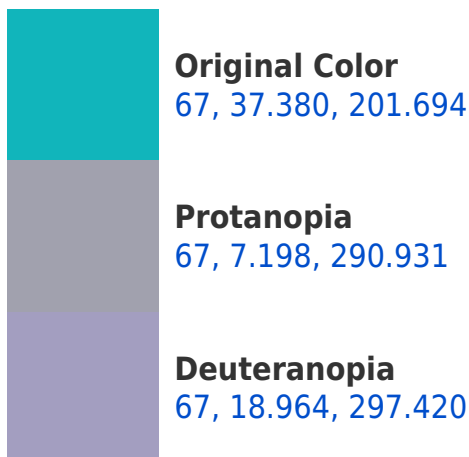


This preview shows how white text looks on a background with the CIELCh color 67, 37.333, 201.704.

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, 35.929, 209.343

Trichromacy



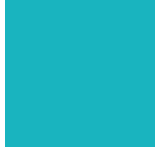
Original Color
67, 37.380, 201.694



Protanomaly
65, 20.053, 215.788



Deuteranomaly
65, 21.725, 236.408



Tritanomaly
67, 36.389, 206.411

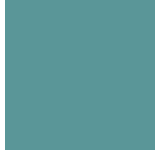
Monochromacy



Original Color
67, 37.380, 201.694



Achromatopsia
55, 0.007, 296.813



Achromatomaly
58, 20.219, 200.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 37.333, 201.704 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(17, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(17, 181, 187)  
}
```

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(17, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 181, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 37.333, 201.704 is called "border". The border property can be set on classes, ids or directly on the HTML element.

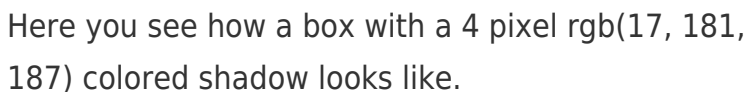
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(17, 181, 187) }
```

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

```
.border{ border-color:rgb(17, 181, 187) }
```

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



Here you see how a box with a 4 pixel `rgb(17, 181, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(17, 181,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 37.333, 201.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 181, 187) }
```

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

```
.background{ background-color: rgb(17, 181,  
187) }
```

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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