

Converting Colors

CIELCh(56, 66.674, 188.740)

Have a look what the booklet for
CIELCh(56, 66.674, 188.740)
contains.

CIELCh(60, 37.694, 186.556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 37.694, 186.556)

Conversions

Conversions Part 1

Format	Color
Hex	04A297
RGB	4, 162, 151
RGB Percent	2%, 64%, 59%
CMY	0.9833, 0.3645, 0.4077
CMYK	0.97, 0.00, 0.07, 0.36
HSL	176°, 95%, 33%
HSV	176°, 97%, 64%
XYZ	18.5714, 28.1233, 33.7389
YIQ	113.5040, -90.6370, -36.9170

Conversions

Conversions Part 2

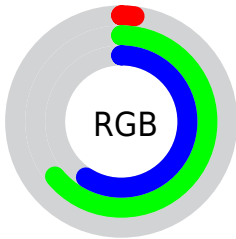
Format	Color
RYB	4, 86, 162
Decimal	303767
CIELab	60.00, -37.45, -4.30
CIELCh	60, 37.694, 186.556
Yxy	28.1233, 0.2309, 0.3496
Android (android.graphics.Color)	4278493847 (0xFF04A297)
YUV	113.5040, 18.4855, -96.0350
Hunter-Lab	53.0314, -30.2949, -0.5986

Details

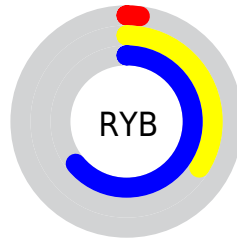
The CIELCh color **60, 37.694, 186.556** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **34, 70.138, 36.046**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 37.915, 186.149**, and **41, 28.760, 185.056** is the 20% darker color. If you saturate the color by 10%, you get **60, 37.939, 186.336**, and if you desaturate by 10%, it is **60, 36.639, 187.391**.

Distribution



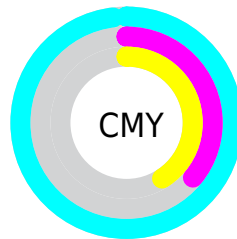
- Red (2%)
- Green (64%)
- Blue (59%)



- Red (2%)
- Yellow (34%)
- Blue (64%)



- Cyan (97%)
- Magenta (0%)
- Yellow (7%)
- Black (36%)





- Cyan (98%)
- Magenta (36%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 37.694, 186.556 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 60, 37.694, 186.556 by changing the saturation by 10% instead.


 60, 37.694,
186.556


 60, 37.694,
186.556


 100, 37.694,
186.556


 50, 37.694,
186.556


 80, 37.694,
186.556

 40, 37.694,
186.556

 90, 37.694,
186.556

 30, 37.694,
186.556

 20, 37.694,
186.556

 10, 37.694,
186.556

 0, 37.694, 186.556

 60, 37.694,

 60, 37.694,

186.556

186.556

■ 60, 37.939,
186.336

■ 60, 36.639,
187.391

■ 60, 34.949,
188.178

■ 61, 32.524,
188.922

■ 61, 29.357,
189.639

■ 62, 25.482,
190.340

■ 63, 20.967,
191.035

■ 64, 15.901,
191.733

■ 65, 10.381,
192.441

Harmonies

Complementary

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



60, 37.694, 186.556



34, 70.138, 36.046

Rectangle

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



60, 37.694, 186.556



60, 37.694, 236.556



60, 37.694, 6.556



60, 37.694, 56.556

Sweetspot

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



60, 37.694, 186.555



81, 20.789, 191.580



58, 84.150, 135.693



43, 14.180, 191.296



93, 0.011, 296.813



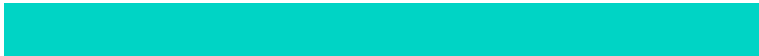
45, 0.006, 296.813

Same Dimension

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



60, 37.694, 186.555



77, 46.332, 186.157



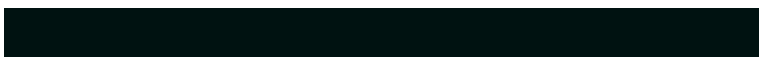
40, 42.059, 272.866



34, 3.462, 193.043



54, 35.007, 186.422



4, 5.521, 191.863

Inverse Universe

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



34, 70.138, 36.046



44, 88.011, 37.592



41, 61.491, 55.018



32, 3.640, 14.246



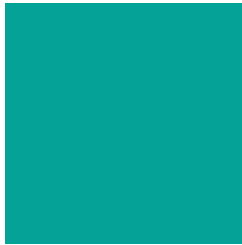
30, 65.670, 36.411



1, 5.493, 14.149

Previews

White Background



This preview shows how the CIE LCh color 60, 37.694, 186.556 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 37.694, 186.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

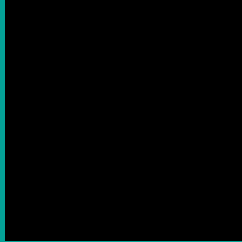
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 37.694, 186.556

Background



This preview shows how black text looks on a background with the CIELCh color 60, 37.694, 186.556.

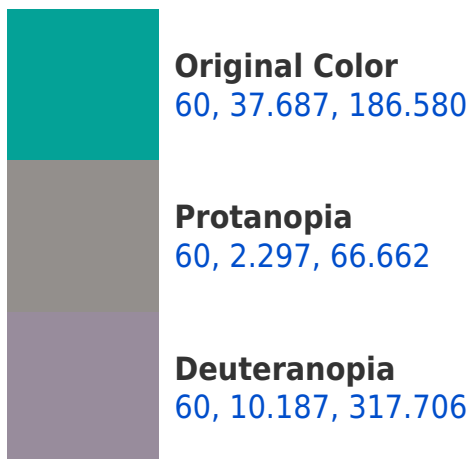


This preview shows how white text looks on a background with the CIELCh color 60, 37.694, 186.556.

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
60, 31.644, 210.447

Trichromacy



Original Color
60, 37.687, 186.580

Protanomaly
58, 19.724, 187.560

Deuteranomaly
58, 17.335, 209.337

Tritanomaly
60, 33.500, 200.494

Monochromacy



Original Color
60, 37.687, 186.580

Achromatopsia
48, 0.006, 296.813

Achromatomaly
51, 20.079, 190.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 37.694, 186.556 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(4, 162, 151)` looks like.

```
.text, #text, p{  
    color:rgb(4, 162, 151)  
}
```

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(4, 162, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 162, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 37.694, 186.556 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(4, 162, 151) }
```

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

```
.border{ border-color:rgb(4, 162, 151) }
```

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

Here you see how a box with a 4 pixel rgb(4, 162, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 162, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 162, 151);  
box-shadow:4px 4px 4px 4px rgb(4, 162,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 37.694, 186.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 162, 151) }
```

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

```
.background{ background-color: rgb(4, 162,  
151) }
```

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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