

Converting Colors

CIELCh(60, 35.530, 195.455)

Have a look what the booklet for
CIELCh(60, 35.530, 195.455)
contains.

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Color

CIELCh(60, 35.490, 195.458)

Conversions

Conversions Part 1

Format	Color
Hex	06A1A0
RGB	6, 161, 160
RGB Percent	2%, 63%, 63%
CMY	0.9778, 0.3680, 0.3720
CMYK	0.96, 0.00, 0.01, 0.37
HSL	180°, 93%, 33%
HSV	180°, 96%, 63%
XYZ	19.2008, 28.1233, 37.7434
YIQ	114.5410, -92.0590, -33.1710

Conversions

Conversions Part 2

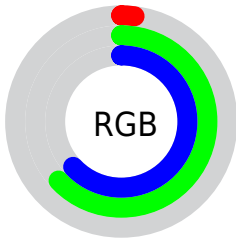
Format	Color
RYB	6, 84, 161
Decimal	434592
CIELab	60.00, -34.21, -9.46
CIELCh	60, 35.490, 195.458
Yxy	28.1233, 0.2257, 0.3306
Android (android.graphics.Color)	4278624672 (0xFF06A1A0)
YUV	114.5410, 22.4113, -95.1905
Hunter-Lab	53.0314, -28.1764, -5.0757

Details

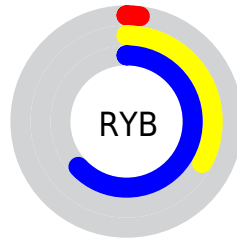
The CIELCh color **60, 35.490, 195.458** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33, 71.782, 38.521**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 35.356, 196.089**, and **41, 26.800, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **60, 35.721, 195.410**, and if you desaturate by 10%, it is **60, 34.667, 195.601**.

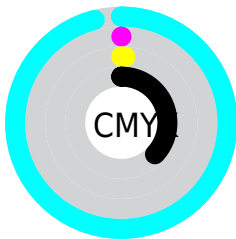
Distribution



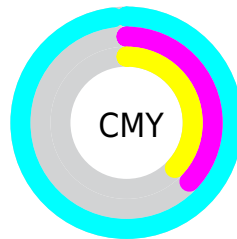
- Red (2%)
- Green (63%)
- Blue (63%)



- Red (2%)
- Yellow (33%)
- Blue (63%)



- Cyan (96%)
- Magenta (0%)
- Yellow (1%)
- Black (37%)





- Cyan (98%)
- Magenta (37%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 35.490, 195.458 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, 35.490, 195.458 by changing the saturation by 10% instead.


 60, 35.490,
195.458


 60, 35.490,
195.458


 100, 35.490,
195.458


 50, 35.490,
195.458


 80, 35.490,
195.458

 40, 35.490,
195.458

 90, 35.490,
195.458


 30, 35.490,
195.458

 20, 35.490,
195.458

 10, 35.490,
195.458

 0, 35.490, 195.458

 60, 35.490,

 60, 35.490,

195.458

195.458

■ 60, 35.721,
195.410

■ 60, 34.667,
195.601

■ 60, 33.194,
195.787

■ 61, 30.985,
196.023

■ 61, 28.028,
196.314

■ 62, 24.351,
196.660

■ 62, 20.014,
197.062

■ 63, 15.100,
197.517

■ 64, 9.702, 198.026

Harmonies

Complementary

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



60, 35.490, 195.458



33, 71.782, 38.521

Rectangle

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



60, 35.490, 195.458



60, 35.490, 245.458



60, 35.490, 15.458



60, 35.490, 65.458

Sweetspot

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



60, 35.490, 195.457



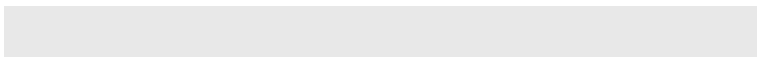
80, 20.218, 197.372



58, 83.996, 136.101



42, 13.633, 197.190



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 35.490, 195.457



76, 43.353, 195.392



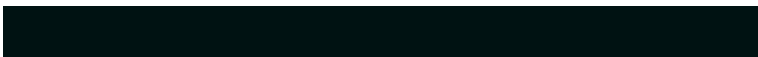
37, 47.335, 280.371



34, 3.429, 198.440



54, 33.118, 195.419



4, 5.465, 198.701

Inverse Universe

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



33, 71.782, 38.521



44, 89.753, 39.770



43, 59.015, 60.341



32, 3.629, 19.380



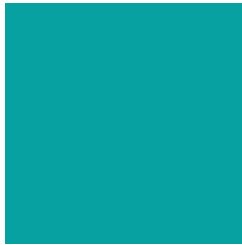
30, 67.835, 39.009



1, 5.464, 18.917

Previews

White Background



This preview shows how the CIELCh color 60, 35.490, 195.458 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, 35.490, 195.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

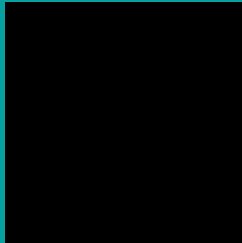
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 35.490, 195.458

Background



This preview shows how black text looks on a background with the CIELCh color 60, 35.490, 195.458.

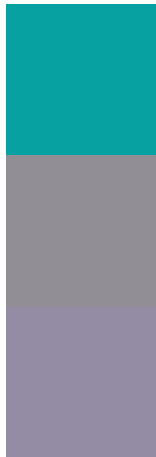


This preview shows how white text looks on a background with the CIELCh color 60, 35.490, 195.458.

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



Original Color

60, 35.450, 195.461

Protanopia

60, 3.494, 303.247

Deuteranopia

60, 14.514, 303.434

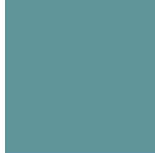


Tritanopia
60, 32.398, 210.069

Trichromacy



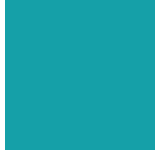
Original Color
60, 35.450, 195.461



Protanomaly
59, 19.054, 202.878



Deuteranomaly
58, 18.834, 225.150



Tritanomaly
60, 33.480, 204.488

Monochromacy



Original Color
60, 35.450, 195.461



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 19.666, 195.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 35.490, 195.458 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(6, 161, 160)` looks like.

```
.text, #text, p{  
    color:rgb(6, 161, 160)  
}
```

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(6, 161, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 161, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 35.490, 195.458 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(6, 161, 160) }
```

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

```
.border{ border-color:rgb(6, 161, 160) }
```

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

Here you see how a box with a 4 pixel rgb(6, 161, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 161, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 161, 160);  
box-shadow:4px 4px 4px 4px rgb(6, 161,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 35.490, 195.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 161, 160) }
```

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

```
.background{ background-color: rgb(6, 161,  
160) }
```

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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