

Converting Colors

CIELCh(60, 35.500, 196.235)

Have a look what the booklet for
CIELCh(60, 35.500, 196.235)
contains.

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Color

CIELCh(60, 35.452, 196.393)

Conversions

Conversions Part 1

Format	Color
Hex	03A1A1
RGB	3, 161, 161
RGB Percent	1%, 63%, 63%
CMY	0.9902, 0.3682, 0.3682
CMYK	0.98, 0.00, 0.00, 0.37
HSL	180°, 97%, 32%
HSV	180°, 98%, 63%
XYZ	19.2392, 28.1233, 38.1853
YIQ	113.7580, -94.1680, -33.4960

Conversions

Conversions Part 2

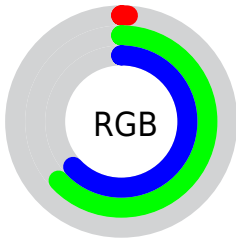
Format	Color
RYB	3, 82, 161
Decimal	237985
CIELab	60.00, -34.01, -10.01
CIELCh	60, 35.452, 196.393
Yxy	28.1233, 0.2249, 0.3287
Android (android.graphics.Color)	4278428065 (0xFF03A1A1)
YUV	113.7580, 23.2903, -97.1348
Hunter-Lab	53.0314, -28.0472, -5.5698

Details

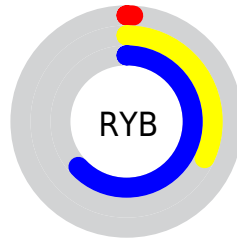
The CIELCh color **60, 35.452, 196.393** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33, 73.058, 39.318**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 35.240, 196.976**, and **41, 26.641, 197.736** is the 20% darker color. If you saturate the color by 10%, you get **60, 35.551, 196.384**, and if you desaturate by 10%, it is **60, 34.727, 196.451**.

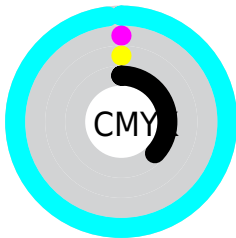
Distribution



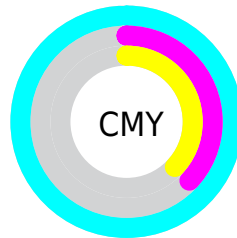
- Red (1%)
- Green (63%)
- Blue (63%)



- Red (1%)
- Yellow (32%)
- Blue (63%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)





- Cyan (99%)
- Magenta (37%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 35.452, 196.393 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, 35.452, 196.393 by changing the saturation by 10% instead.


 60, 35.452,
196.393


 60, 35.452,
196.393


 100, 35.452,
196.393


 50, 35.452,
196.393


 80, 35.452,
196.393

 40, 35.452,
196.393

 90, 35.452,
196.393


 30, 35.452,
196.393

 20, 35.452,
196.393

 10, 35.452,
196.393

 0, 35.452, 196.393

 60, 35.452,

 60, 35.452,

196.393

196.393

■ 60, 35.551,
196.384

■ 60, 34.727,
196.451

■ 60, 33.414,
196.557

■ 61, 31.375,
196.723

■ 61, 28.586,
196.953

■ 62, 25.068,
197.247

■ 62, 20.874,
197.603

■ 63, 16.082,
198.019

■ 64, 10.783,
198.492

Harmonies

Complementary

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



60, 35.452, 196.393



33, 73.058, 39.318

Rectangle

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



60, 35.452, 196.393



60, 35.452, 246.393



60, 35.452, 16.393



60, 35.452, 66.393

Sweetspot

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



60, 35.451, 196.392



80, 20.807, 197.926



58, 84.476, 136.009



42, 13.947, 197.760



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, 35.451, 196.392



76, 43.150, 196.384



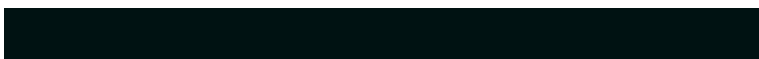
36, 48.280, 281.213



34, 3.428, 198.993



54, 32.967, 196.384



4, 5.463, 199.420

Inverse Universe

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



33, 73.058, 39.318



44, 90.039, 40.000



43, 59.961, 59.946



32, 3.629, 19.902



30, 68.063, 39.264



1, 5.464, 19.404

Previews

White Background



This preview shows how the CIELCh color 60, 35.452, 196.393 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, 35.452, 196.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

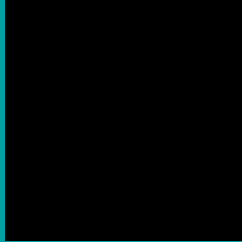
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 35.452, 196.393

Background



This preview shows how black text looks on a background with the CIELCh color 60, 35.452, 196.393.

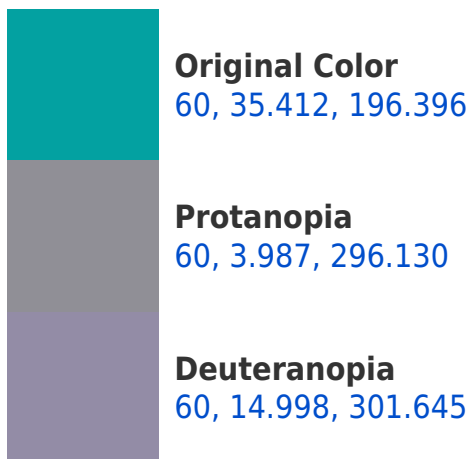



This preview shows how white text looks on a background with the CIELCh color 60, 35.452, 196.393.

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



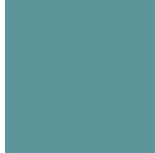


Tritanopia
60, 32.481, 210.028

Trichromacy



Original Color
60, 35.412, 196.396



Protanomaly
58, 19.307, 204.511



Deuteranomaly
58, 19.502, 226.021



Tritanomaly
60, 33.602, 204.450

Monochromacy



Original Color
60, 35.412, 196.396



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 19.833, 197.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 35.452, 196.393 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(3, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(3, 161, 161)  
}
```

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(3, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 161, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 35.452, 196.393 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(3, 161, 161) }
```

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

```
.border{ border-color:rgb(3, 161, 161) }
```

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

Here you see how a box with a 4 pixel rgb(3, 161, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(3, 161,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 35.452, 196.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 161, 161) }
```

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

```
.background{ background-color: rgb(3, 161,  
161) }
```

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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