

Converting Colors

CIELCh(56, 65.597, 195.398)

Have a look what the booklet for
CIELCh(56, 65.597, 195.398)
contains.

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Color

CIELCh(60, 34.946, 199.266)

Conversions

Conversions Part 1

Format	Color
Hex	03A1A4
RGB	3, 161, 164
RGB Percent	1%, 63%, 64%
CMY	0.9864, 0.3693, 0.3576
CMYK	0.98, 0.02, 0.00, 0.36
HSL	181°, 96%, 33%
HSV	181°, 98%, 64%
XYZ	19.4408, 28.1233, 39.4375
YIQ	114.1000, -95.1310, -32.5630

Conversions

Conversions Part 2

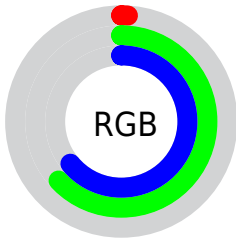
Format	Color
R _Y B	3, 83, 164
Decimal	237988
CIE Lab	60.00, -32.99, -11.53
CIE LCh	60, 34.946, 199.266
Yxy	28.1233, 0.2235, 0.3233
Android (android.graphics.Color)	4278428068 (0xFF03A1A4)
YUV	114.1000, 24.6007, -97.4347
Hunter-Lab	53.0314, -27.3686, -6.9698

Details

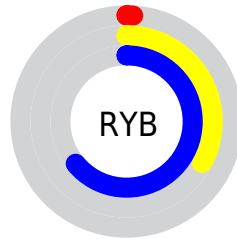
The CIELCh color **60, 34.946, 199.266** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **34, 73.459, 39.452**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 34.936, 199.669**, and **41, 26.363, 200.479** is the 20% darker color. If you saturate the color by 10%, you get **60, 35.062, 199.307**, and if you desaturate by 10%, it is **60, 34.284, 199.079**.

Distribution



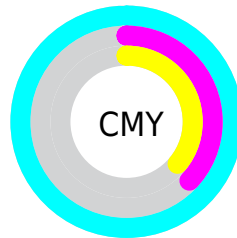
- Red (1%)
- Green (63%)
- Blue (64%)



- Red (1%)
- Yellow (33%)
- Blue (64%)



- Cyan (98%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)




- Cyan (99%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 34.946, 199.266 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, 34.946, 199.266 by changing the saturation by 10% instead.

 60, 34.946,
199.266

 60, 34.946,
199.266


 100, 34.946,
199.266


 50, 34.946,
199.266

 80, 34.946,
199.266

 40, 34.946,
199.266

 90, 34.946,
199.266

 30, 34.946,
199.266

 20, 34.946,
199.266

 10, 34.946,
199.266

 0, 34.946, 199.266

 60, 34.946,

 60, 34.946,

199.266

199.266

■ 60, 35.062,
199.307

■ 60, 34.284,
199.079

■ 61, 33.001,
198.977

■ 61, 30.978,
198.970

■ 61, 28.196,
199.056

■ 62, 24.681,
199.230

■ 63, 20.490,
199.487

■ 64, 15.703,
199.818

■ 65, 10.414,
200.220

Harmonies

Complementary

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



60, 34.946, 199.266



34, 73.459, 39.452

Rectangle

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



60, 34.946, 199.266



60, 34.946, 249.266



60, 34.946, 19.266



60, 34.946, 69.266

Sweetspot

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



60, 34.945, 199.265



81, 20.190, 199.758



59, 85.161, 136.265



42, 13.610, 199.620



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, 34.945, 199.265



77, 42.786, 199.364



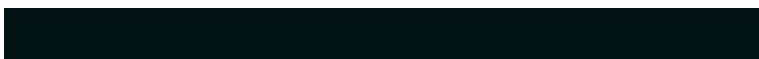
35, 51.956, 284.378



34, 3.363, 200.636



54, 32.126, 199.277



4, 5.329, 201.548

Inverse Universe

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



39, 81.383, 328.949



51, 99.837, 328.994



45, 59.724, 62.783



32, 6.189, 325.420



34, 74.941, 328.972



2, 9.541, 325.107

Previews

White Background



This preview shows how the CIE LCh color 60, 34.946, 199.266 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, 34.946, 199.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

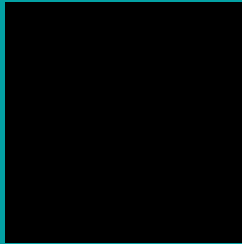
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.946, 199.266

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.946, 199.266.

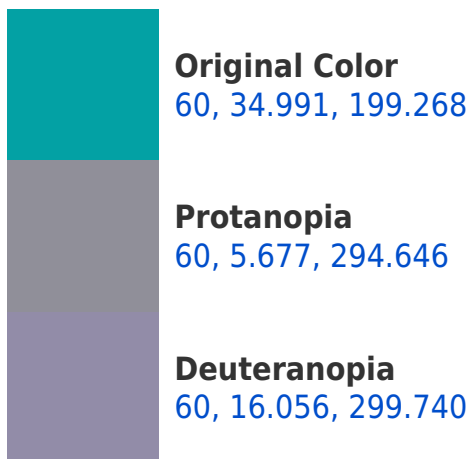


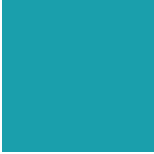
This preview shows how white text looks on a background with the CIELCh color 60, 34.946, 199.266.

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, 32.713, 209.915

Trichromacy



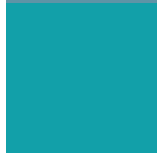
Original Color
60, 34.991, 199.268



Protanomaly
58, 19.086, 211.683



Deuteranomaly
58, 19.896, 229.235

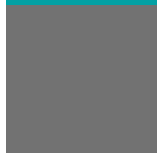


Tritanomaly
60, 33.587, 205.456

Monochromacy



Original Color
60, 34.991, 199.268



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 19.472, 199.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.946, 199.266 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(3, 161, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 161, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.946, 199.266 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, 164) }
```

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

```
.border{ border-color:rgb(3, 161, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 161, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 161, 164);  
box-shadow:4px 4px 4px 4px rgb(3, 161,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.946, 199.266 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, 164) }
```

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

```
.background{ background-color: rgb(3, 161,  
164) }
```

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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