

Converting Colors

CIELCh(61, 35.937, 196.096)

Have a look what the booklet for
CIELCh(61, 35.937, 196.096)
contains.

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Color

CIELCh(61, 35.902, 196.396)

Conversions

Conversions Part 1

Format	Color
Hex	03A4A4
RGB	3, 164, 164
RGB Percent	1%, 64%, 64%
CMY	0.9882, 0.3569, 0.3569
CMYK	0.98, 0.00, 0.00, 0.36
HSL	180°, 96%, 33%
HSV	180°, 98%, 64%
XYZ	20.0120, 29.2481, 39.7101
YIQ	115.8610, -95.9560, -34.1320

Conversions

Conversions Part 2

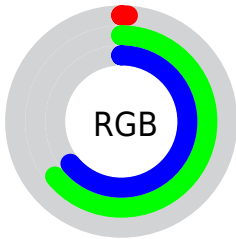
Format	Color
RYB	3, 84, 164
Decimal	238756
CIELab	61.00, -34.44, -10.13
CIELCh	61, 35.902, 196.396
Yxy	29.2481, 0.2249, 0.3287
Android (android.graphics.Color)	4278428836 (0xFF03A4A4)
YUV	115.8610, 23.7325, -98.9791
Hunter-Lab	54.0815, -28.5917, -5.6774

Details

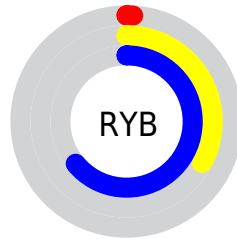
The CIELCh color **61, 35.902, 196.396** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **34, 73.930, 39.293**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 36.010, 196.097**, and **42, 26.990, 197.714** is the 20% darker color. If you saturate the color by 10%, you get **61, 36.018, 196.386**, and if you desaturate by 10%, it is **61, 35.168, 196.453**.

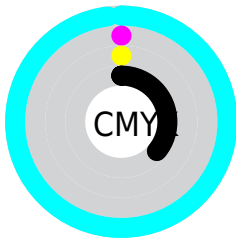
Distribution



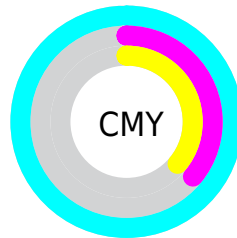
- Red (1%)
- Green (64%)
- Blue (64%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 35.902, 196.396 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 61, 35.902, 196.396 by changing the saturation by 10% instead.


 61, 35.902,
196.396


 61, 35.902,
196.396


 100, 35.902,
196.396


 51, 35.902,
196.396


 81, 35.902,
196.396

 41, 35.902,
196.396

 91, 35.902,
196.396

 31, 35.902,
196.396

 21, 35.902,
196.396

 11, 35.902,
196.396

 1, 35.902, 196.396

 0, 35.902, 196.396

■ 61, 35.902,
196.396

■ 61, 35.902,
196.396

■ 61, 36.018,
196.386

■ 61, 35.168,
196.453

■ 61, 33.825,
196.561

■ 62, 31.743,
196.728

■ 62, 28.900,
196.960

■ 63, 25.317,
197.255

■ 63, 21.048,
197.613

■ 64, 16.173,
198.030

■ 65, 10.786,

198.506

■ 66, 4.983, 199.062

Harmonies

Complementary

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



61, 35.902, 196.396



34, 73.930, 39.293

Rectangle

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



61, 35.902, 196.396



61, 35.902, 246.396



61, 35.902, 16.396



61, 35.902, 66.396

Sweetspot

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



61, 35.901, 196.395



82, 20.588, 197.969



59, 85.527, 136.022



43, 13.880, 197.797



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 35.901, 196.395



78, 43.937, 196.386



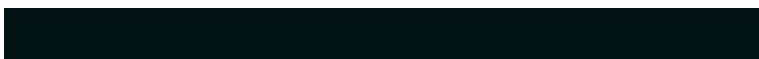
37, 48.845, 281.165



34, 3.428, 198.994



54, 32.967, 196.386



4, 5.463, 199.421

Inverse Universe

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



34, 73.930, 39.293



45, 91.682, 40.000



44, 60.642, 59.948



32, 3.629, 19.903



30, 68.063, 39.264



1, 5.464, 19.405

Previews

White Background



This preview shows how the CIELCh color 61, 35.902, 196.396 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 CIE LCh color 61, 35.902, 196.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

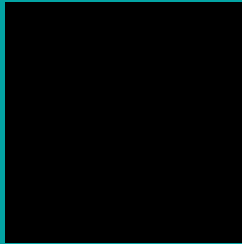
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 35.902, 196.396

Background



This preview shows how black text looks on a background with the CIELCh color 61, 35.902, 196.396.

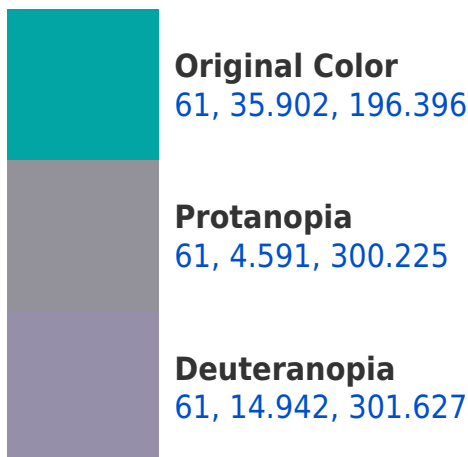


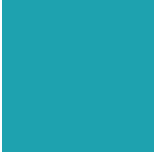
This preview shows how white text looks on a background with the CIELCh color 61, 35.902, 196.396.

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



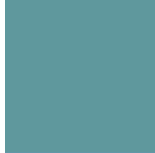


Tritanopia
61, 32.915, 209.802

Trichromacy



Original Color
61, 35.902, 196.396



Protanomaly
59, 19.290, 206.244



Deuteranomaly
59, 19.496, 225.931



Tritanomaly
61, 34.050, 204.319

Monochromacy



Original Color
61, 35.902, 196.396



Achromatopsia
49, 0.007, 296.813



Achromatomaly
52, 19.835, 197.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 35.902, 196.396 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, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(3, 164, 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, 164, 164) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 61, 35.902, 196.396 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, 164, 164) }
```

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

```
.border{ border-color:rgb(3, 164, 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, 164, 164)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 61, 35.902, 196.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 164, 164) }
```

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

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