

Converting Colors

CIELCh(60, 36.311, 191.927)

Have a look what the booklet for
CIELCh(60, 36.311, 191.927)
contains.

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Color

CIELCh(60, 36.401, 191.797)

Conversions

Conversions Part 1

Format	Color
Hex	02A29D
RGB	2, 162, 157
RGB Percent	1%, 64%, 62%
CMY	0.9912, 0.3664, 0.3860
CMYK	0.99, 0.00, 0.03, 0.37
HSL	178°, 97%, 32%
HSV	178°, 99%, 63%
XYZ	18.9222, 28.1233, 36.1408
YIQ	113.5900, -93.7550, -35.4750

Conversions

Conversions Part 2

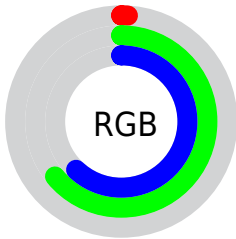
Format	Color
RYB	2, 83, 162
Decimal	172701
CIELab	60.00, -35.63, -7.44
CIELCh	60, 36.401, 191.797
Yxy	28.1233, 0.2275, 0.3381
Android (android.graphics.Color)	4278362781 (0xFF02A29D)
YUV	113.5900, 21.4011, -97.8644
Hunter-Lab	53.0314, -29.1142, -3.2840

Details

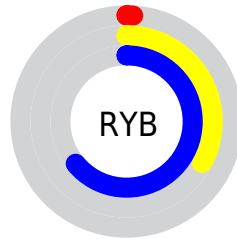
The CIELCh color **60, 36.401, 191.797** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33, 72.095, 38.098**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 36.449, 191.791**, and **42, 27.730, 191.200** is the 20% darker color. If you saturate the color by 10%, you get **60, 36.505, 191.736**, and if you desaturate by 10%, it is **60, 35.571, 192.229**.

Distribution



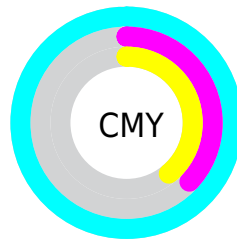
- Red (1%)
- Green (64%)
- Blue (62%)



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



- Cyan (99%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)





- Cyan (99%)
- Magenta (37%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 36.401, 191.797 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, 36.401, 191.797 by changing the saturation by 10% instead.


 60, 36.401,
191.797


 60, 36.401,
191.797


 100, 36.401,
191.797


 50, 36.401,
191.797


 80, 36.401,
191.797

 40, 36.401,
191.797

 90, 36.401,
191.797


 30, 36.401,
191.797

 20, 36.401,
191.797

 10, 36.401,
191.797

 0, 36.401, 191.797

 60, 36.401,

 60, 36.401,

191.797

■ 60, 36.505,
191.736

191.797

■ 60, 35.571,
192.229

■ 60, 34.151,
192.665

■ 61, 32.002,
193.109

■ 61, 29.103,
193.573

■ 62, 25.480,
194.062

■ 62, 21.191,
194.580

■ 63, 16.317,
195.130

■ 64, 10.954,
195.716

Harmonies

Complementary

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



60, 36.401, 191.797



33, 72.095, 38.098

Rectangle

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



60, 36.401, 191.797



60, 36.401, 241.797



60, 36.401, 11.797



60, 36.401, 61.797

Sweetspot

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



60, 36.401, 191.796



80, 20.964, 195.021



58, 84.601, 135.921



42, 14.063, 194.802



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, 36.401, 191.796



76, 44.238, 191.652



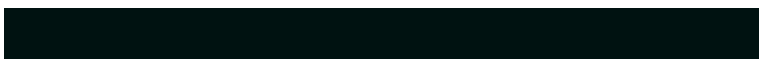
37, 46.885, 279.485



34, 3.439, 196.312



54, 33.773, 191.776



4, 5.478, 195.963

Inverse Universe

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



33, 72.095, 38.098



44, 88.717, 38.912



43, 60.597, 58.580



32, 3.630, 17.364



30, 66.970, 38.011



1, 5.471, 17.042

Previews

White Background



This preview shows how the CIELCh color 60, 36.401, 191.797 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, 36.401, 191.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

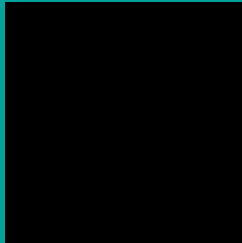
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 36.401, 191.797

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.401, 191.797.




This preview shows how white text looks on a background with the CIELCh color 60, 36.401, 191.797.

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, 32.042, 210.245

Trichromacy



Original Color
60, 36.481, 191.800



Protanomaly
58, 19.326, 195.943



Deuteranomaly
58, 18.254, 218.135



Tritanomaly
60, 33.585, 202.461

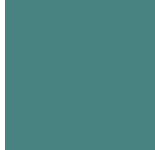
Monochromacy



Original Color
60, 36.481, 191.800



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 20.063, 194.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.401, 191.797 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(2, 162, 157)` looks like.

```
.text, #text, p{  
    color:rgb(2, 162, 157)  
}
```

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(2, 162, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 162, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.401, 191.797 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(2, 162, 157) }
```

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

```
.border{ border-color:rgb(2, 162, 157) }
```

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

Here you see how a box with a 4 pixel rgb(2, 162, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 162, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 162, 157);  
box-shadow:4px 4px 4px 4px rgb(2, 162,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.401, 191.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 162, 157) }
```

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

```
.background{ background-color: rgb(2, 162,  
157) }
```

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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