

Converting Colors

CIELCh(59, 66.367, 156.750)

Have a look what the booklet for
CIELCh(59, 66.367, 156.750)
contains.

CIELCh(60, 60.295, 152.585)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 60.295, 152.585)

Conversions

Conversions Part 1

Format	Color
Hex	01A65D
RGB	1, 166, 93
RGB Percent	0%, 65%, 36%
CMY	0.9978, 0.3484, 0.6348
CMYK	1.00, 0.00, 0.44, 0.35
HSL	154°, 99%, 33%
HSV	154°, 100%, 65%
XYZ	15.6523, 28.1233, 14.9909
YIQ	108.3430, -74.9070, -57.6830

Conversions

Conversions Part 2

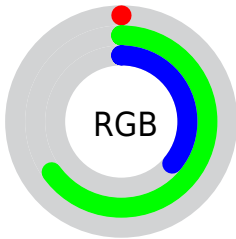
Format	Color
RYB	1, 107, 166
Decimal	108125
CIELab	60.00, -53.52, 27.76
CIELCh	60, 60.295, 152.585
Yxy	28.1233, 0.2663, 0.4786
Android (android.graphics.Color)	4278298205 (0xFF01A65D)
YUV	108.3430, -7.5641, -94.1398
Hunter-Lab	53.0314, -40.1205, 20.3620

Details

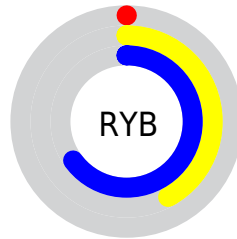
The CIELCh color **60, 60.295, 152.585** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **35, 61.197, 7.119**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 60.125, 152.487**, and **41, 52.609, 145.640** is the 20% darker color. If you saturate the color by 10%, you get **60, 60.418, 152.515**, and if you desaturate by 10%, it is **60, 56.641, 154.747**.

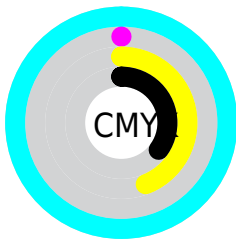
Distribution



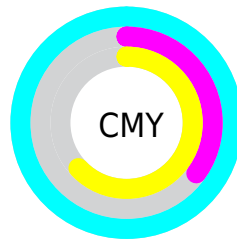
- Red (0%)
- Green (65%)
- Blue (36%)



- Red (0%)
- Yellow (42%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 60.295, 152.585 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, 60.295, 152.585 by changing the saturation by 10% instead.


 60, 60.295,
152.585


 60, 60.295,
152.585


 100, 60.295,
152.585


 50, 60.295,
152.585


 80, 60.295,
152.585

 40, 60.295,
152.585

 90, 60.295,
152.585


 30, 60.295,
152.585

 20, 60.295,
152.585

 10, 60.295,
152.585

 0, 60.295, 152.585

 60, 60.295,

 60, 60.295,

152.585

■ 60, 60.418,
152.515

152.585

■ 60, 56.641,
154.747

■ 61, 52.433,
156.795

■ 61, 47.528,
158.636

■ 62, 41.947,
160.276

■ 62, 35.762,
161.730

■ 63, 29.079,
163.023

■ 64, 22.020,
164.178

■ 65, 14.705,
165.221

Harmonies

Complementary

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



60, 60.295, 152.585



35, 61.197, 7.119

Rectangle

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



60, 60.295, 152.585



60, 60.295, 202.585



60, 60.295, 332.585



60, 60.295, 22.585

Sweetspot

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



60, 60.295, 152.585



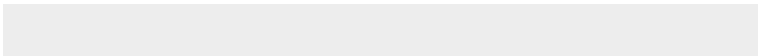
82, 27.627, 164.080



61, 80.196, 129.448



43, 18.912, 163.622



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 60.295, 152.585



77, 74.313, 152.051



59, 34.027, 204.590



35, 4.290, 166.218



54, 55.212, 152.756



5, 8.272, 162.775

Inverse Universe

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



35, 61.197, 7.119



46, 74.711, 8.261



35, 74.827, 40.378



33, 4.358, 347.712



31, 56.244, 6.750



2, 7.549, 350.689

Previews

White Background



This preview shows how the CIELCh color 60, 60.295, 152.585 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, 60.295, 152.585 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, 60.295, 152.585

Background



This preview shows how black text looks on a background with the CIELCh color 60, 60.295, 152.585.



This preview shows how white text looks on a background with the CIELCh color 60, 60.295, 152.585.

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, 60.256, 152.556

Protanopia
60, 33.200, 96.321

Deuteranopia
59, 25.942, 72.442



Tritanopia
60, 27.960, 212.569

Trichromacy



Original Color
60, 60.256, 152.556



Protanomaly
58, 41.356, 136.834



Deuteranomaly
57, 32.291, 136.484



Tritanomaly
59, 36.461, 179.885

Monochromacy



Original Color
60, 60.256, 152.556



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 27.283, 162.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 60.295, 152.585 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(1, 166, 93)` looks like.

```
.text, #text, p{  
    color:rgb(1, 166, 93)  
}
```

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(1, 166, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 166, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 60.295, 152.585 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(1, 166, 93) }
```

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

```
.border{ border-color:rgb(1, 166, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 166, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 166, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 166, 93);  
box-shadow:4px 4px 4px 4px rgb(1, 166, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 60, 60.295, 152.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 166, 93) }
```

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

```
.background{ background-color: rgb(1, 166,  
93) }
```

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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