

Converting Colors

CIELCh(59, 82.895, 123.705)

Have a look what the booklet for
CIELCh(59, 82.895, 123.705)
contains.

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Color

CIELCh(59, 75.773, 126.341)

Conversions

Conversions Part 1

Format	Color
Hex	57A000
RGB	87, 160, 0
RGB Percent	34%, 63%, 0%
CMY	0.6603, 0.3739, 1.0000
CMYK	0.46, 0.00, 1.00, 0.37
HSL	87°, 100%, 31%
HSV	87°, 100%, 63%
XYZ	16.4026, 27.0277, 4.3316
YIQ	119.9330, 7.8520, -65.2360

Conversions

Conversions Part 2

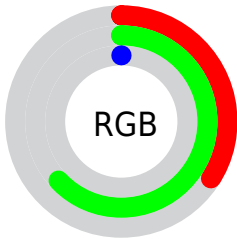
Format	Color
RYB	0, 160, 73
Decimal	5742592
CIELab	59.00, -44.90, 61.04
CIELCh	59, 75.773, 126.341
Yxy	27.0277, 0.3434, 0.5659
Android (android.graphics.Color)	4283932672 (0xFF57A000)
YUV	119.9330, -59.1270, -28.8822
Hunter-Lab	51.9882, -34.6616, 31.4517

Details

The CIELCh color **59, 75.773, 126.341** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **23, 88.621, 311.096**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 75.633, 126.197**, and **39, 61.828, 133.839** is the 20% darker color. If you saturate the color by 10%, you get **59, 75.679, 126.380**, and if you desaturate by 10%, it is **59, 72.368, 125.482**.

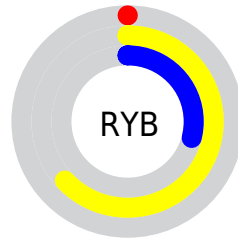
Distribution



Red (34%)

Green (63%)

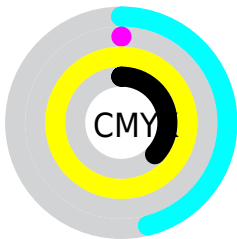
Blue (0%)



Red (0%)

Yellow (63%)

Blue (29%)

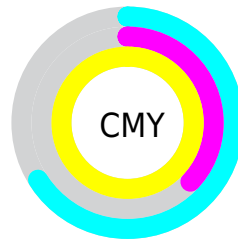


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (66%)


Magenta (37%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 75.773, 126.341 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 59, 75.773, 126.341 by changing the saturation by 10% instead.


 59, 75.773,
126.341


 59, 75.773,
126.341


 100, 75.773,
126.341


 49, 75.773,
126.341


 79, 75.773,
126.341

 39, 75.773,
126.341

 89, 75.773,
126.341

 29, 75.773,
126.341

 99, 75.773,
126.341

 19, 75.773,
126.341

 9, 75.773, 126.341

 0, 75.773, 126.341

■ 59, 75.773,
126.341

■ 59, 75.773,
126.341

■ 59, 75.679,
126.380

■ 59, 72.368,
125.482

■ 60, 67.670,
124.923

■ 60, 61.416,
124.776

■ 61, 53.979,
124.922

■ 61, 45.731,
125.252

■ 62, 36.963,
125.683

■ 63, 27.882,
126.160

■ 64, 18.633,

126.647

■ 65, 9.313, 127.126

Harmonies

Complementary

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



59, 75.773, 126.341



23, 88.621, 311.096

Rectangle

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



59, 75.773, 126.341



59, 75.773, 176.341



59, 75.773, 306.341



59, 75.773, 356.341

Sweetspot

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



59, 75.679, 126.380



80, 34.381, 126.133



41, 61.265, 57.116



42, 23.598, 125.941



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 75.679, 126.380



75, 91.883, 126.688



57, 84.113, 135.769



33, 5.223, 127.161



53, 69.646, 126.222



4, 6.884, 128.555

Inverse Universe

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



23, 88.621, 311.096



32, 107.524, 310.888



36, 81.644, 326.293



31, 5.298, 307.979



20, 81.583, 311.203



1, 6.814, 306.721

Previews

White Background



This preview shows how the CIELCh color 59, 75.773, 126.341 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 59, 75.773, 126.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

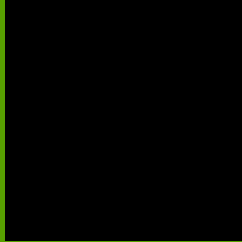
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 75.773, 126.341

Background



This preview shows how black text looks on a background with the CIELCh color 59, 75.773, 126.341.



This preview shows how white text looks on a background with the CIELCh color 59, 75.773, 126.341.

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


59, 75.773, 126.341

Protanopia

59, 63.220, 95.564

Deuteranopia

59, 57.197, 82.329



Tritanopia
59, 15.692, 224.128

Trichromacy



Original Color
59, 75.773, 126.341

Protanomaly
58, 65.053, 108.938

Deuteranomaly
58, 59.482, 102.339

Tritanomaly
58, 35.116, 143.492

Monochromacy



Original Color
59, 75.773, 126.341

Achromatopsia
50, 0.007, 296.813

Achromatomaly
53, 34.506, 125.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 75.773, 126.341 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(87, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(87, 160, 0)  
}
```

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(87, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 160, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 75.773, 126.341 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(87, 160, 0) }
```

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

```
.border{ border-color:rgb(87, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(87, 160, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 75.773, 126.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 160, 0) }
```

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

```
.background{ background-color: rgb(87, 160,  
0) }
```

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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