

Converting Colors

CIELCh(59, 71.358, 124.962)

Have a look what the booklet for
CIELCh(59, 71.358, 124.962)
contains.

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Color

CIELCh(59, 71.260, 125.026)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5F9E11 |
| RGB | 95, 158, 17 |
| RGB Percent | 37%, 62%, 7% |
| CMY | 0.6264, 0.3794, 0.9316 |
| CMYK | 0.40, 0.00, 0.89, 0.38 |
| HSL | 87°, 80%, 34% |
| HSV | 87°, 89%, 62% |
| XYZ | 17.1204, 27.0277, 4.8623 |
| YIQ | 123.0890, 7.7130, -57.2070 |

Conversions

Conversions Part 2

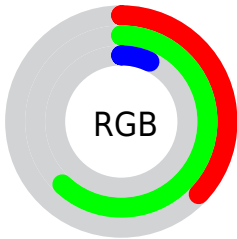
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 17, 158, 80 |
| Decimal | 6266385 |
| CIELab | 59.00, -40.90, 58.35 |
| CIELCh | 59, 71.260, 125.026 |
| Yxy | 27.0277, 0.3493, 0.5515 |
| Android (android.graphics.Color) | 4284456465 (0xFF5F9E11) |
| YUV | 123.0890, -52.3019, -24.6341 |
| Hunter-Lab | 51.9882, -32.1971, 30.8466 |

Details

The CIELCh color $59, 71.260, 125.026$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $26, 82.942, 311.226$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 71.006, 125.028$, and $39, 59.275, 131.426$ is the 20% darker color. If you saturate the color by 10%, you get $59, 74.609, 125.914$, and if you desaturate by 10%, it is $59, 66.442, 124.517$.

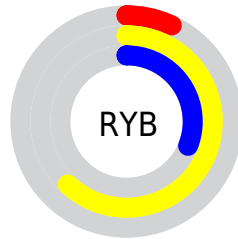
Distribution



Red (37%)

Green (62%)

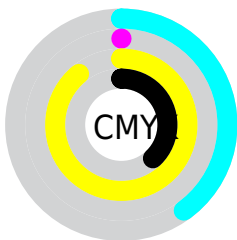
Blue (7%)



Red (7%)

Yellow (62%)

Blue (31%)

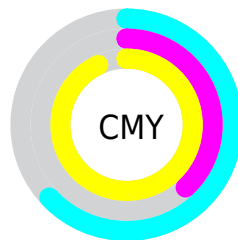


Cyan (40%)

Magenta (0%)

Yellow (89%)

Black (38%)



Cyan (63%)


Magenta (38%)


Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 71.260, 125.026 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, 71.260, 125.026 by changing the saturation by 10% instead.

 59, 71.260,
125.026


 59, 71.260,
125.026


 100, 71.260,
125.026

 49, 71.260,
125.026

 79, 71.260,
125.026

 39, 71.260,
125.026

 89, 71.260,
125.026

 29, 71.260,
125.026

 99, 71.260,
125.026

 19, 71.260,
125.026

 9, 71.260, 125.026

 0, 71.260, 125.026

■ 59, 71.260,
125.026

■ 59, 71.260,
125.026

■ 59, 74.609,
125.914

■ 59, 66.442,
124.517

■ 59, 74.935,
125.998

■ 60, 60.115,
124.406

■ 60, 52.656,
124.576

■ 61, 44.427,
124.920

■ 62, 35.707,
125.359

■ 63, 26.694,
125.840

■ 63, 17.523,
126.330

■ 64, 8.289, 126.811

Harmonies

Complementary

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



59, 71.260, 125.026



26, 82.942, 311.226

Rectangle

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



59, 71.260, 125.026



59, 71.260, 175.026



59, 71.260, 305.026



59, 71.260, 355.026

Sweetspot

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



59, 71.260, 125.027



80, 30.904, 125.912



43, 55.490, 57.927



42, 20.965, 125.755



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, 71.260, 125.027



75, 91.576, 126.318



57, 80.247, 136.034



33, 5.212, 126.798



53, 69.418, 125.852



4, 6.871, 128.219

Inverse Universe

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



26, 82.942, 311.226



31, 107.754, 310.683



36, 78.509, 325.749



31, 5.288, 307.626



20, 81.754, 310.996



1, 6.801, 306.378

Previews

White Background



This preview shows how the CIELCh color 59, 71.260, 125.026 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, 71.260, 125.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

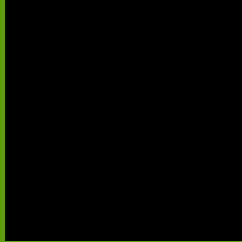
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 71.260, 125.026

Background



This preview shows how black text looks on a background with the CIELCh color 59, 71.260, 125.026.



This preview shows how white text looks on a background with the CIELCh color 59, 71.260, 125.026.

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, 71.260, 125.026

Protanopia

59, 61.503, 95.562

Deuteranopia

59, 56.201, 82.085



Tritanopia
59, 13.494, 228.939

Trichromacy



Original Color
59, 71.260, 125.026

Protanomaly
58, 62.915, 108.096

Deuteranomaly
58, 57.096, 101.170

Tritanomaly
58, 29.936, 143.080

Monochromacy



Original Color
59, 71.260, 125.026

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 30.414, 125.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 71.260, 125.026 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(95, 158, 17)` looks like.

```
.text, #text, p{  
    color:rgb(95, 158, 17)  
}
```

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(95, 158, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 158, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 71.260, 125.026 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(95, 158, 17) }
```

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

```
.border{ border-color:rgb(95, 158, 17) }
```

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

Here you see how a box with a 4 pixel rgb(95, 158, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 158, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 158, 17);  
box-shadow:4px 4px 4px 4px rgb(95, 158,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 71.260, 125.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 158, 17) }
```

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

```
.background{ background-color: rgb(95, 158,  
17) }
```

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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