

Converting Colors

CIELCh(58, 77.623, 131.364)

Have a look what the booklet for
CIELCh(58, 77.623, 131.364)
contains.

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Color

CIELCh(58, 77.533, 131.299)

Conversions

Conversions Part 1

Format	Color
Hex	409F0A
RGB	64, 159, 10
RGB Percent	25%, 62%, 4%
CMY	0.7484, 0.3759, 0.9596
CMYK	0.60, 0.00, 0.94, 0.38
HSL	98°, 88%, 33%
HSV	98°, 94%, 62%
XYZ	14.6027, 25.9610, 4.5371
YIQ	113.6090, -8.7910, -66.4790

Conversions

Conversions Part 2

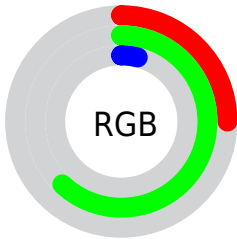
Format	Color
RYB	10, 159, 105
Decimal	4235018
CIELab	58.00, -51.17, 58.25
CIELCh	58, 77.533, 131.299
Yxy	25.9610, 0.3238, 0.5756
Android (android.graphics.Color)	4282425098 (0xFF409F0A)
YUV	113.6090, -51.0792, -43.5071
Hunter-Lab	50.9519, -38.0081, 30.3868

Details

The CIELCh color **58, 77.533, 131.299** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **29, 82.793, 315.934**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 77.884, 131.317**, and **38, 62.800, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **58, 79.742, 131.722**, and if you desaturate by 10%, it is **58, 73.153, 130.772**.

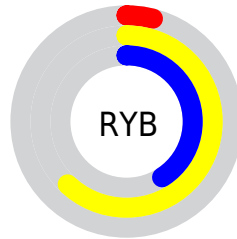
Distribution



Red (25%)

Green (62%)

Blue (4%)



Red (4%)

Yellow (62%)

Blue (41%)

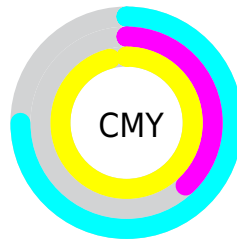


Cyan (60%)

Magenta (0%)

Yellow (94%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 77.533, 131.299 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 58, 77.533, 131.299 by changing the saturation by 10% instead.

 58, 77.533,
131.299

 58, 77.533,
131.299

 100, 77.533,
131.299

 48, 77.533,
131.299

 78, 77.533,
131.299

 38, 77.533,
131.299

 88, 77.533,
131.299

 28, 77.533,
131.299

 98, 77.533,
131.299

 18, 77.533,
131.299

 8, 77.533, 131.299

 0, 77.533, 131.299

■ 58, 77.533,
131.299

■ 58, 77.533,
131.299

■ 58, 79.742,
131.722

■ 58, 73.153,
130.772

■ 59, 67.047,
130.661

■ 59, 59.570,
130.856

■ 60, 51.123,
131.238

■ 61, 42.039,
131.712

■ 62, 32.570,
132.216

■ 63, 22.895,
132.714

■ 64, 13.143,

133.186

■ 65, 3.404, 133.644

Harmonies

Complementary

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



58, 77.533, 131.299



29, 82.793, 315.934

Rectangle

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



58, 77.533, 131.299



58, 77.533, 181.299



58, 77.533, 311.299



58, 77.533, 1.299

Sweetspot

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



58, 77.533, 131.300



79, 33.690, 132.467



49, 55.910, 74.356



42, 23.419, 132.262



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 77.533, 131.300



73, 97.082, 131.993



57, 78.865, 138.207



33, 5.459, 133.379



52, 73.549, 131.586



3, 7.173, 134.352

Inverse Universe

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



29, 82.793, 315.934



37, 103.448, 315.409



37, 72.356, 333.878



31, 5.511, 314.105



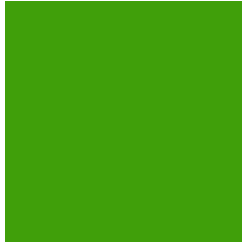
24, 78.583, 315.703



1, 7.080, 312.658

Previews

White Background



This preview shows how the CIELCh color 58, 77.533, 131.299 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 58, 77.533, 131.299 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 58, 77.533, 131.299

Background



This preview shows how black text looks on a background with the CIELCh color 58, 77.533, 131.299.

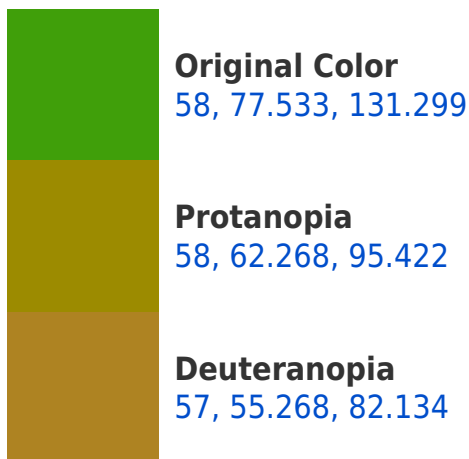


This preview shows how white text looks on a background with the CIELCh color 58, 77.533, 131.299.

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
58, 19.913, 218.035

Trichromacy



Original Color
58, 77.533, 131.299

Protanomaly
57, 64.374, 112.310

Deuteranomaly
56, 57.572, 106.631

Tritanomaly
57, 37.396, 152.174

Monochromacy



Original Color
58, 77.533, 131.299

Achromatopsia
48, 0.006, 296.813

Achromatomaly
51, 33.993, 131.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 77.533, 131.299 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(64, 159, 10)` looks like.

```
.text, #text, p{  
    color:rgb(64, 159, 10)  
}
```

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(64, 159, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 159, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 77.533, 131.299 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(64, 159, 10) }
```

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

```
.border{ border-color:rgb(64, 159, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 159, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 159, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 159, 10);  
box-shadow:4px 4px 4px 4px rgb(64, 159,  
10) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 77.533, 131.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 159, 10) }
```

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

```
.background{ background-color: rgb(64, 159,  
10) }
```

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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