

Converting Colors

CIELCh(58, 71.497, 131.171)

Have a look what the booklet for
CIELCh(58, 71.497, 131.171)
contains.

CIELCh(58, 71.733, 131.185)	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(58, 71.733, 131.185)

Conversions

Conversions Part 1

Format	Color
Hex	4A9E1E
RGB	74, 158, 30
RGB Percent	29%, 62%, 12%
CMY	0.7103, 0.3808, 0.8828
CMYK	0.53, 0.00, 0.81, 0.38
HSL	99°, 68%, 37%
HSV	99°, 81%, 62%
XYZ	15.2560, 25.9610, 5.4265
YIQ	118.2920, -8.9760, -57.6160

Conversions

Conversions Part 2

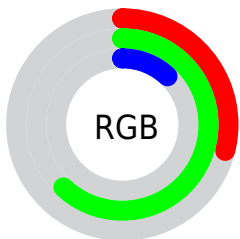
Format	Color
R_{YB}	30, 158, 114
Decimal	4890142
CIE _{Lab}	58.00, -47.24, 53.99
CIE _{LCh}	58, 71.733, 131.185
Yxy	25.9610, 0.3271, 0.5566
Android (android.graphics.Color)	4283080222 (0xFF4A9E1E)
YUV	118.2920, -43.5280, -38.8441
Hunter-Lab	50.9519, -35.7195, 29.3518

Details

The CIELCh color **58, 71.733, 131.185** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **32, 76.080, 316.894**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 71.459, 131.166**, and **38, 62.800, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **58, 76.547, 131.566**, and if you desaturate by 10%, it is **59, 65.265, 131.193**.

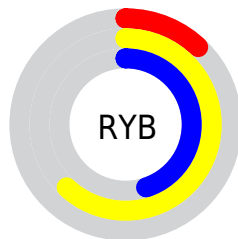
Distribution



Red (29%)

Green (62%)

Blue (12%)



Red (12%)

Yellow (62%)

Blue (45%)

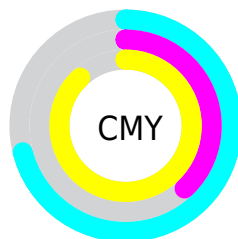


Cyan (53%)

Magenta (0%)

Yellow (81%)

Black (38%)



Cyan (71%)


Magenta (38%)


Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 71.733, 131.185 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, 71.733, 131.185 by changing the saturation by 10% instead.


 58, 71.733,
131.185


 58, 71.733,
131.185


 100, 71.733,
131.185


 48, 71.733,
131.185


 78, 71.733,
131.185

 38, 71.733,
131.185

 88, 71.733,
131.185

 28, 71.733,
131.185

 98, 71.733,
131.185

 18, 71.733,
131.185

 8, 71.733, 131.185

 0, 71.733, 131.185

■ 58, 71.733,
131.185

■ 58, 71.733,
131.185

■ 58, 76.547,
131.566

■ 59, 65.265,
131.193

■ 57, 79.647,
132.115

■ 59, 57.526,
131.470

■ 60, 48.904,
131.900

■ 61, 39.714,
132.401

■ 62, 30.188,
132.917

■ 63, 20.492,
133.416

■ 64, 10.746,
133.884

■ 65, 1.035, 134.426

Harmonies

Complementary

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



58, 71.733, 131.185



32, 76.080, 316.894

Rectangle

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



58, 71.733, 131.185



58, 71.733, 181.185



58, 71.733, 311.185



58, 71.733, 1.185

Sweetspot

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



58, 71.733, 131.186



79, 28.748, 133.250



51, 50.692, 78.436



41, 19.699, 133.085



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 71.733, 131.186



73, 95.587, 132.151



57, 71.517, 140.343



33, 5.486, 133.967



52, 73.896, 131.992



3, 7.205, 134.905

Inverse Universe

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



32, 76.080, 316.894



37, 101.096, 316.139



38, 67.858, 333.849



31, 5.536, 314.692



25, 78.308, 316.229



1, 7.111, 313.225

Previews

White Background



This preview shows how the CIELCh color 58, 71.733, 131.185 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, 71.733, 131.185 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, 71.733, 131.185

Background



This preview shows how black text looks on a background with the CIELCh color 58, 71.733, 131.185.



This preview shows how white text looks on a background with the CIELCh color 58, 71.733, 131.185.

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
58, 71.733, 131.185

Protanopia
58, 57.377, 95.383

Deuteranopia
58, 52.116, 81.864



Tritanopia
58, 18.115, 220.302

Trichromacy



Original Color
58, 71.733, 131.185

Protanomaly
57, 59.539, 112.221

Deuteranomaly
57, 53.242, 105.370

Tritanomaly
57, 32.651, 153.989

Monochromacy



Original Color
58, 71.733, 131.185

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 29.824, 132.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 71.733, 131.185 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(74, 158, 30)` looks like.

```
.text, #text, p{  
    color:rgb(74, 158, 30)  
}
```

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(74, 158, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 158, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 71.733, 131.185 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(74, 158, 30) }
```

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

```
.border{ border-color:rgb(74, 158, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 158, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 158, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 158, 30);  
box-shadow:4px 4px 4px 4px rgb(74, 158,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 71.733, 131.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 158, 30) }
```

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

```
.background{ background-color: rgb(74, 158,  
30) }
```

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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