

Converting Colors

CIELCh(58, 75.218, 126.500)

Have a look what the booklet for
CIELCh(58, 75.218, 126.500)
contains.

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Color

CIELCh(58, 74.922, 126.631)

Conversions

Conversions Part 1

Format	Color
Hex	549D00
RGB	84, 157, 0
RGB Percent	33%, 62%, 0%
CMY	0.6710, 0.3847, 1.0000
CMYK	0.47, 0.00, 1.00, 0.38
HSL	88°, 100%, 31%
HSV	88°, 100%, 62%
XYZ	15.6866, 25.9610, 4.1787
YIQ	117.2750, 6.8890, -64.3030

Conversions

Conversions Part 2

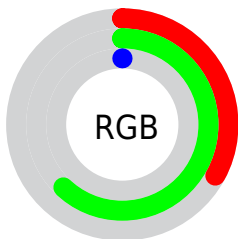
Format	Color
RYB	0, 157, 73
Decimal	5545216
CIELab	58.00, -44.70, 60.12
CIELCh	58, 74.922, 126.631
Yxy	25.9610, 0.3423, 0.5665
Android (android.graphics.Color)	4283735296 (0xFF549D00)
YUV	117.2750, -57.8166, -29.1822
Hunter-Lab	50.9519, -34.2110, 30.8038

Details

The CIELCh color **58, 74.922, 126.631** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **23, 87.337, 311.278**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 74.935, 126.445**, and **38, 60.925, 134.246** is the 20% darker color. If you saturate the color by 10%, you get **58, 74.898, 126.642**, and if you desaturate by 10%, it is **58, 71.577, 125.760**.

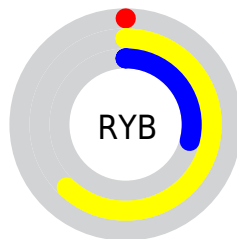
Distribution



Red (33%)

Green (62%)

Blue (0%)



Red (0%)

Yellow (62%)

Blue (29%)

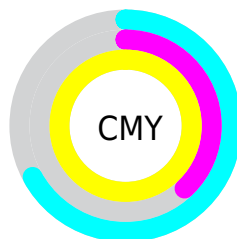


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (67%)


Magenta (38%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 74.922, 126.631 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, 74.922, 126.631 by changing the saturation by 10% instead.


 58, 74.922,
126.631


 58, 74.922,
126.631


 100, 74.922,
126.631


 48, 74.922,
126.631


 78, 74.922,
126.631

 38, 74.922,
126.631

 88, 74.922,
126.631

 28, 74.922,
126.631

 98, 74.922,
126.631

 18, 74.922,
126.631

 8, 74.922, 126.631

 0, 74.922, 126.631

■ 58, 74.922,
126.631

■ 58, 74.922,
126.631

■ 58, 74.898,
126.642

■ 58, 71.577,
125.760

■ 59, 66.906,
125.209

■ 59, 60.704,
125.067

■ 60, 53.342,
125.216

■ 60, 45.184,
125.547

■ 61, 36.517,
125.977

■ 62, 27.543,
126.452

■ 63, 18.404,

126.936

■ 64, 9.197, 127.411

Harmonies

Complementary

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



58, 74.922, 126.631



23, 87.337, 311.278

Rectangle

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



58, 74.922, 126.631



58, 74.922, 176.631



58, 74.922, 306.631



58, 74.922, 356.631

Sweetspot

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



58, 74.898, 126.642



79, 34.101, 126.424



41, 60.466, 57.174



41, 23.169, 126.237



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, 74.898, 126.642



74, 91.261, 126.960



56, 83.041, 135.763



33, 5.232, 127.446



53, 69.825, 126.508



4, 6.896, 128.819

Inverse Universe

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



23, 87.337, 311.278



31, 106.339, 311.062



36, 80.609, 326.296



31, 5.306, 308.256



21, 81.448, 311.369



1, 6.824, 306.991

Previews

White Background



This preview shows how the CIELCh color 58, 74.922, 126.631 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, 74.922, 126.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

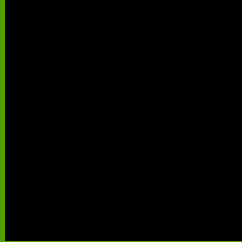
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 74.922, 126.631

Background



This preview shows how black text looks on a background with the CIELCh color 58, 74.922, 126.631.



This preview shows how white text looks on a background with the CIELCh color 58, 74.922, 126.631.

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, 74.922, 126.631

Protanopia
58, 62.338, 94.989

Deuteranopia
58, 56.295, 82.457



Tritanopia
58, 15.705, 224.166

Trichromacy



Original Color
58, 74.922, 126.631

Protanomaly
57, 64.481, 109.412

Deuteranomaly
57, 58.767, 102.794

Tritanomaly
57, 34.738, 143.980

Monochromacy



Original Color
58, 74.922, 126.631

Achromatopsia
49, 0.007, 296.813

Achromatomaly
52, 34.732, 125.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 74.922, 126.631 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(84, 157, 0)` looks like.

```
.text, #text, p{  
    color:rgb(84, 157, 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(84, 157, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 157, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 74.922, 126.631 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(84, 157, 0) }
```

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

```
.border{ border-color:rgb(84, 157, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 157, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 157, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 157, 0);  
box-shadow:4px 4px 4px 4px rgb(84, 157, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 58, 74.922, 126.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 157, 0) }
```

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

```
.background{ background-color: rgb(84, 157,  
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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