

Converting Colors

CIELCh(56, 74.426, 127.937)

Have a look what the booklet for
CIELCh(56, 74.426, 127.937)
contains.

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Color

CIELCh(56, 74.122, 128.010)

Conversions

Conversions Part 1

Format	Color
Hex	4B9800
RGB	75, 152, 0
RGB Percent	29%, 60%, 0%
CMY	0.7063, 0.4043, 1.0000
CMYK	0.51, 0.00, 1.00, 0.40
HSL	90°, 100%, 30%
HSV	90°, 100%, 60%
XYZ	14.1024, 23.9124, 3.8663
YIQ	111.6490, 2.9000, -63.5960

Conversions

Conversions Part 2

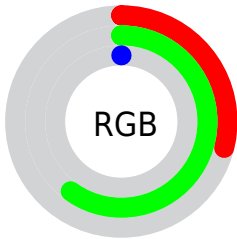
Format	Color
RYB	0, 152, 77
Decimal	4954112
CIELab	56.00, -45.64, 58.40
CIElCh	56, 74.122, 128.010
Yxy	23.9124, 0.3367, 0.5710
Android (android.graphics.Color)	4283144192 (0xFF4B9800)
YUV	111.6490, -55.0430, -32.1412
Hunter-Lab	48.9003, -34.0978, 29.5424

Details

The CIELCh color **56, 74.122, 128.010** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **23, 84.508, 312.230**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 74.154, 127.940**, and **36, 60.205, 135.931** is the 20% darker color. If you saturate the color by 10%, you get **56, 74.094, 128.023**, and if you desaturate by 10%, it is **56, 70.707, 127.193**.

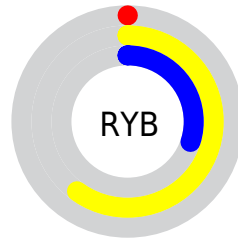
Distribution



Red (29%)

Green (60%)

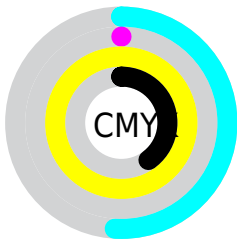
Blue (0%)



Red (0%)

Yellow (60%)

Blue (30%)

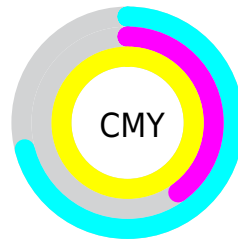


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (71%)

Magenta (40%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 74.122, 128.010 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 56, 74.122, 128.010 by changing the saturation by 10% instead.


 56, 74.122,
128.010


 56, 74.122,
128.010


 100, 74.122,
128.010


 46, 74.122,
128.010


 76, 74.122,
128.010

 36, 74.122,
128.010

 86, 74.122,
128.010

 26, 74.122,
128.010

 96, 74.122,
128.010

 16, 74.122,
128.010

 6, 74.122, 128.010

 0, 74.122, 128.010

■ 56, 74.122,
128.010

■ 56, 74.122,
128.010

■ 56, 74.094,
128.023

■ 56, 70.707,
127.193

■ 57, 66.024,
126.671

■ 57, 59.855,
126.552

■ 58, 52.563,
126.717

■ 58, 44.503,
127.056

■ 59, 35.950,
127.488

■ 60, 27.103,
127.958

■ 61, 18.101,

128.432

■ 62, 9.042, 128.894

Harmonies

Complementary

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



56, 74.122, 128.010



23, 84.508, 312.230

Rectangle

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



56, 74.122, 128.010



56, 74.122, 178.010



56, 74.122, 308.010



56, 74.122, 358.010

Sweetspot

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



56, 74.094, 128.023



76, 33.404, 127.930



41, 57.734, 61.215



40, 22.933, 127.746



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 74.094, 128.023



71, 89.871, 128.342



54, 81.370, 136.016



32, 5.139, 128.929



52, 69.825, 127.907



3, 5.570, 129.600

Inverse Universe

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



23, 84.508, 312.230



31, 102.391, 312.010



36, 78.509, 328.233



30, 5.206, 309.700



21, 79.671, 312.310



1, 5.551, 309.013

Previews

White Background



This preview shows how the CIE LCh color 56, 74.122, 128.010 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 CIE LCh color 56, 74.122, 128.010 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 56, 74.122, 128.010

Background



This preview shows how black text looks on a background with the CIELCh color 56, 74.122, 128.010.



This preview shows how white text looks on a background with the CIELCh color 56, 74.122, 128.010.

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

56, 74.122, 128.010

Protanopia

56, 60.674, 95.174

Deuteranopia

56, 54.451, 82.650



Tritanopia
56, 16.815, 222.400

Trichromacy



Original Color
56, 74.122, 128.010

Protanomaly
55, 63.031, 110.436

Deuteranomaly
55, 56.984, 104.225

Tritanomaly
55, 35.373, 146.060

Monochromacy



Original Color
56, 74.122, 128.010

Achromatopsia
47, 0.006, 296.813

Achromatomaly
50, 34.073, 127.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 74.122, 128.010 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(75, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 152, 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(75, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 152, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 74.122, 128.010 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(75, 152, 0) }
```

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

```
.border{ border-color:rgb(75, 152, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 152, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 152, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 56, 74.122, 128.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 152, 0) }
```

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

```
.background{ background-color: rgb(75, 152,  
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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