

Converting Colors

CIELCh(58, 56.749, 126.808)

Have a look what the booklet for
CIELCh(58, 56.749, 126.808)
contains.

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Color

CIELCh(58, 56.569, 126.894)

Conversions

Conversions Part 1

Format	Color
Hex	669936
RGB	102, 153, 54
RGB Percent	40%, 60%, 21%
CMY	0.5991, 0.3991, 0.7874
CMYK	0.33, 0.00, 0.65, 0.40
HSL	91°, 48%, 41%
HSV	91°, 65%, 60%
XYZ	17.6030, 25.9610, 7.5995
YIQ	126.4650, 1.3830, -41.6010

Conversions

Conversions Part 2

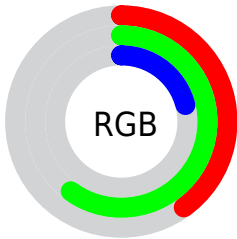
Format	Color
RYB	54, 153, 105
Decimal	6723894
CIELab	58.00, -33.96, 45.24
CIELCh	58, 56.569, 126.894
Yxy	25.9610, 0.3441, 0.5074
Android (android.graphics.Color)	4284913974 (0xFF669936)
YUV	126.4650, -35.7252, -21.4558
Hunter-Lab	50.9519, -27.4973, 26.8232

Details

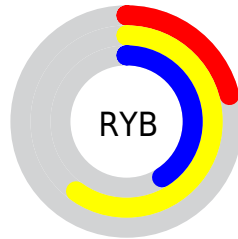
The CIELCh color **58, 56.569, 126.894** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **34, 61.982, 312.649**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 56.857, 126.954**, and **38, 55.039, 127.587** is the 20% darker color. If you saturate the color by 10%, you get **57, 63.453, 126.844**, and if you desaturate by 10%, it is **59, 48.752, 127.168**.

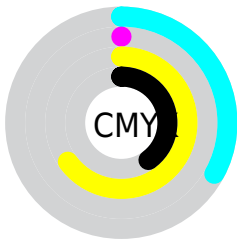
Distribution



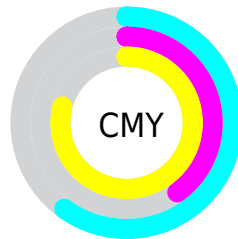
- Red (40%)
- Green (60%)
- Blue (21%)



- Red (21%)
- Yellow (60%)
- Blue (41%)



- Cyan (33%)
- Magenta (0%)
- Yellow (65%)
- Black (40%)





- Cyan (60%)
- Magenta (40%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 56.569, 126.894 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, 56.569, 126.894 by changing the saturation by 10% instead.


 58, 56.569,
126.894

 58, 56.569,
126.894


 100, 56.569,
126.894


 48, 56.569,
126.894


 78, 56.569,
126.894

 38, 56.569,
126.894

 88, 56.569,
126.894

 28, 56.569,
126.894

 98, 56.569,
126.894

 18, 56.569,
126.894

 8, 56.569, 126.894

 0, 56.569, 126.894

■ 58, 56.569,
126.894

■ 58, 56.569,
126.894

■ 57, 63.453,
126.844

■ 59, 48.752,
127.168

■ 57, 69.025,
127.132

■ 59, 40.317,
127.567

■ 57, 72.983,
127.863

■ 60, 31.503,
128.026

■ 56, 74.770,
128.298

■ 61, 22.474,
128.501

■ 62, 13.347,
128.969

■ 63, 4.203, 129.426

■ 64, 4.901, 309.791

■ 65, 13.922,
310.178

■ 66, 22.832,
310.519

Harmonies

Complementary

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



58, 56.569, 126.894



34, 61.982, 312.649

Rectangle

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



58, 56.569, 126.894



58, 56.569, 176.894



58, 56.569, 306.894



58, 56.569, 356.894

Sweetspot

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



58, 56.570, 126.895



78, 21.465, 128.748



48, 38.313, 67.430



41, 14.733, 128.625



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 56.570, 126.895



73, 80.523, 126.935



56, 64.566, 138.868



32, 5.149, 129.215



52, 70.005, 128.171



3, 5.580, 129.877

Inverse Universe

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



34, 61.982, 312.649



38, 89.993, 312.961



41, 63.745, 327.555



30, 5.215, 309.980



21, 79.534, 312.499



1, 5.561, 309.293

Previews

White Background



This preview shows how the CIELCh color 58, 56.569, 126.894 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, 56.569, 126.894 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, 56.569, 126.894

Background



This preview shows how black text looks on a background with the CIELCh color 58, 56.569, 126.894.



This preview shows how white text looks on a background with the CIELCh color 58, 56.569, 126.894.

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, 56.569, 126.894

Protanopia
58, 48.205, 95.598

Deuteranopia
58, 43.948, 80.178



Tritanopia
58, 11.615, 234.884

Trichromacy



Original Color
58, 56.569, 126.894

Protanomaly
57, 48.940, 108.737

Deuteranomaly
57, 43.998, 100.751

Tritanomaly
58, 21.809, 148.620

Monochromacy



Original Color
58, 56.569, 126.894

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 21.958, 128.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 56.569, 126.894 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(102, 153, 54)` looks like.

```
.text, #text, p{  
    color:rgb(102, 153, 54)  
}
```

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(102, 153, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 153, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 56.569, 126.894 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(102, 153, 54) }
```

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

```
.border{ border-color:rgb(102, 153, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 153, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 153, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 153, 54);  
box-shadow:4px 4px 4px 4px rgb(102, 153,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 56.569, 126.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 153, 54) }
```

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

```
.background{ background-color: rgb(102,  
153, 54) }
```

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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