

Converting Colors

CIELCh(58, 53.955, 124.113)

Have a look what the booklet for
CIELCh(58, 53.955, 124.113)
contains.

CIELCh(58, 53.955, 124.113)	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, 53.955, 124.113)

Conversions

Conversions Part 1

Format	Color
Hex	6E9838
RGB	110, 152, 56
RGB Percent	43%, 60%, 22%
CMY	0.5696, 0.4049, 0.7813
CMYK	0.28, 0.00, 0.63, 0.40
HSL	86°, 46%, 41%
HSV	86°, 63%, 60%
XYZ	18.2977, 25.9610, 7.7584
YIQ	128.4980, 5.7840, -38.7600

Conversions

Conversions Part 2

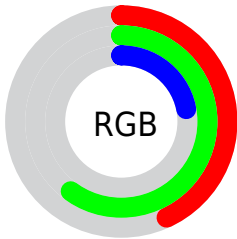
Format	Color
RYB	56, 152, 98
Decimal	7247928
CIELab	58.00, -30.26, 44.67
CIELCh	58, 53.955, 124.113
Yxy	25.9610, 0.3518, 0.4991
Android (android.graphics.Color)	4285438008 (0xFF6E9838)
YUV	128.4980, -35.7415, -16.2227
Hunter-Lab	50.9519, -25.0635, 26.6383

Details

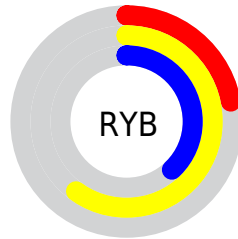
The CIELCh color **58, 53.955, 124.113** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **33, 60.233, 310.384**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 54.268, 124.257**, and **38, 53.527, 124.436** is the 20% darker color. If you saturate the color by 10%, you get **57, 60.744, 124.044**, and if you desaturate by 10%, it is **59, 46.293, 124.398**.

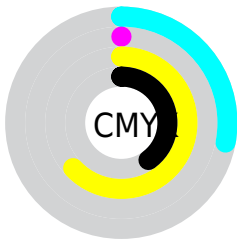
Distribution



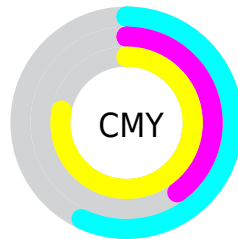
- Red (43%)
- Green (60%)
- Blue (22%)



- Red (22%)
- Yellow (60%)
- Blue (38%)



- Cyan (28%)
- Magenta (0%)
- Yellow (63%)
- Black (40%)





- Cyan (57%)
- Magenta (40%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 53.955, 124.113 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, 53.955, 124.113 by changing the saturation by 10% instead.


 58, 53.955,
124.113


 58, 53.955,
124.113


 100, 53.955,
124.113


 48, 53.955,
124.113


 78, 53.955,
124.113

 38, 53.955,
124.113

 88, 53.955,
124.113

 28, 53.955,
124.113

 98, 53.955,
124.113

 18, 53.955,
124.113

 8, 53.955, 124.113

 0, 53.955, 124.113

■ 58, 53.955,
124.113

■ 58, 53.955,
124.113

■ 57, 60.744,
124.044

■ 59, 46.293,
124.398

■ 57, 66.291,
124.299

■ 59, 38.058,
124.806

■ 57, 70.270,
124.992

■ 60, 29.470,
125.275

■ 56, 72.399,
125.574

■ 61, 20.680,
125.766

■ 62, 11.794,
126.254

■ 62, 2.884, 126.740

■ 63, 5.997, 307.137

■ 64, 14.812,
307.551

■ 66, 23.535,
307.925

Harmonies

Complementary

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



58, 53.955, 124.113



33, 60.233, 310.384

Rectangle

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



58, 53.955, 124.113



58, 53.955, 174.113



58, 53.955, 304.113



58, 53.955, 354.113

Sweetspot

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



58, 53.956, 124.114



77, 20.859, 125.956



46, 37.009, 61.213



41, 14.465, 125.826



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, 53.956, 124.114



73, 76.549, 124.105



56, 62.000, 137.884



32, 5.061, 126.447



52, 68.281, 125.460



3, 5.490, 127.196

Inverse Universe

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



33, 60.233, 310.384



37, 87.844, 310.952



40, 61.772, 325.419



30, 5.137, 307.280



20, 80.837, 310.818



1, 5.473, 306.593

Previews

White Background



This preview shows how the CIELCh color 58, 53.955, 124.113 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, 53.955, 124.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

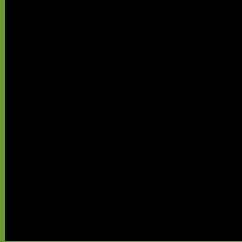
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 53.955, 124.113

Background



This preview shows how black text looks on a background with the CIELCh color 58, 53.955, 124.113.



This preview shows how white text looks on a background with the CIELCh color 58, 53.955, 124.113.

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, 53.955, 124.113

Protanopia
58, 47.327, 95.551

Deuteranopia
58, 43.487, 79.982



Tritanopia
58, 9.192, 242.011

Trichromacy



Original Color
58, 53.955, 124.113

Protanomaly
58, 48.414, 107.220

Deuteranomaly
57, 43.217, 98.916

Tritanomaly
58, 19.462, 143.265

Monochromacy



Original Color
58, 53.955, 124.113

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 20.983, 126.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 53.955, 124.113 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(110, 152, 56)` looks like.

```
.text, #text, p{  
    color:rgb(110, 152, 56)  
}
```

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(110, 152, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 152, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 53.955, 124.113 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(110, 152, 56) }
```

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

```
.border{ border-color:rgb(110, 152, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 152, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 152, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 152, 56);  
box-shadow:4px 4px 4px 4px rgb(110, 152,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 53.955, 124.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 152, 56) }
```

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

```
.background{ background-color: rgb(110,  
152, 56) }
```

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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