

Converting Colors

CIELCh(59, 57.578, 128.083)

Have a look what the booklet for
CIELCh(59, 57.578, 128.083)
contains.

CIELCh(59, 57.578, 128.083)	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(59, 57.578, 128.083)

Conversions

Conversions Part 1

Format	Color
Hex	659C38
RGB	101, 156, 56
RGB Percent	40%, 61%, 22%
CMY	0.6020, 0.3863, 0.7785
CMYK	0.35, 0.00, 0.64, 0.39
HSL	93°, 47%, 42%
HSV	93°, 64%, 61%
XYZ	18.1187, 27.0277, 8.0639
YIQ	128.1550, -0.6800, -42.7600

Conversions

Conversions Part 2

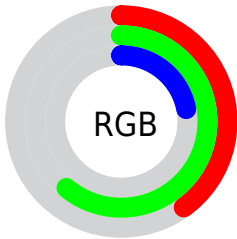
Format	Color
RYB	56, 156, 111
Decimal	6659128
CIELab	59.00, -35.51, 45.32
CIELCh	59, 57.578, 128.083
Yxy	27.0277, 0.3405, 0.5079
Android (android.graphics.Color)	4284849208 (0xFF659C38)
YUV	128.1550, -35.5724, -23.8149
Hunter-Lab	51.9882, -28.7694, 27.1952

Details

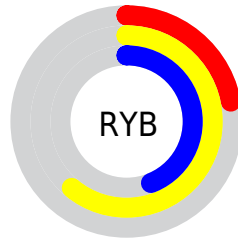
The CIELCh color **59, 57.578, 128.083** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **35, 62.435, 313.641**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 57.803, 128.133**, and **39, 56.623, 128.387** is the 20% darker color. If you saturate the color by 10%, you get **58, 64.732, 127.993**, and if you desaturate by 10%, it is **60, 49.488, 128.385**.

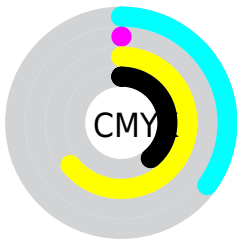
Distribution



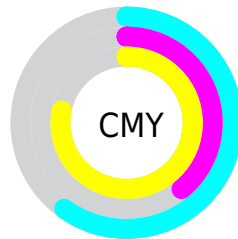
- Red (40%)
- Green (61%)
- Blue (22%)



- Red (22%)
- Yellow (61%)
- Blue (44%)



- Cyan (35%)
- Magenta (0%)
- Yellow (64%)
- Black (39%)




- Cyan (60%)
- Magenta (39%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 57.578, 128.083 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 59, 57.578, 128.083 by changing the saturation by 10% instead.


 59, 57.578,
128.083


 59, 57.578,
128.083

 100, 57.578,
128.083


 49, 57.578,
128.083


 79, 57.578,
128.083

 39, 57.578,
128.083

 89, 57.578,
128.083

 29, 57.578,
128.083

 99, 57.578,
128.083

 19, 57.578,
128.083

 9, 57.578, 128.083

 0, 57.578, 128.083

■ 59, 57.578,
128.083

■ 59, 57.578,
128.083

■ 58, 64.732,
127.993

■ 60, 49.488,
128.385

■ 58, 70.562,
128.232

■ 60, 40.783,
128.801

■ 58, 74.736,
128.910

■ 61, 31.702,
129.268

■ 57, 76.785,
129.395

■ 62, 22.414,
129.745

■ 63, 13.036,
130.209

■ 64, 3.652, 130.664

■ 65, 5.677, 311.011

■ 66, 14.911,
311.384

■ 68, 24.019,
311.710

Harmonies

Complementary

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



59, 57.578, 128.083



35, 62.435, 313.641

Rectangle

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



59, 57.578, 128.083



59, 57.578, 178.083



59, 57.578, 308.083



59, 57.578, 358.083

Sweetspot

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



59, 57.579, 128.084



80, 22.105, 129.958



50, 38.755, 70.674



42, 15.178, 129.834



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 57.579, 128.084



74, 82.281, 128.055



57, 63.835, 139.718



33, 5.336, 130.419



53, 71.716, 129.267



4, 7.023, 131.581

Inverse Universe

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



35, 62.435, 313.641



40, 90.659, 313.894



42, 62.884, 328.580



31, 5.400, 311.168



22, 80.010, 313.324



1, 6.941, 309.816

Previews

White Background



This preview shows how the CIE LCh color 59, 57.578, 128.083 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 59, 57.578, 128.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

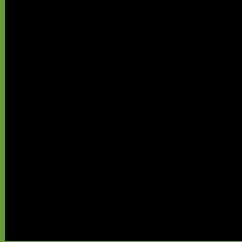
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 57.578, 128.083

Background



This preview shows how black text looks on a background with the CIELCh color 59, 57.578, 128.083.



This preview shows how white text looks on a background with the CIELCh color 59, 57.578, 128.083.

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
59, 57.578, 128.083

Protanopia
59, 48.610, 95.751

Deuteranopia
59, 44.085, 79.750



Tritanopia
59, 12.402, 232.071

Trichromacy



Original Color
59, 57.578, 128.083

Protanomaly
58, 49.432, 109.757

Deuteranomaly
58, 43.917, 101.417

Tritanomaly
59, 22.481, 150.661

Monochromacy



Original Color
59, 57.578, 128.083

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 22.061, 129.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 57.578, 128.083 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(101, 156, 56)` looks like.

```
.text, #text, p{  
    color:rgb(101, 156, 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(101, 156, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 156, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 57.578, 128.083 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(101, 156, 56) }
```

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

```
.border{ border-color:rgb(101, 156, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 156, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 156, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 156, 56);  
box-shadow:4px 4px 4px 4px rgb(101, 156,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 57.578, 128.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 156, 56) }
```

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

```
.background{ background-color: rgb(101,  
156, 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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