

Converting Colors

CIE LCh(59, 45.148, 157.130)

Have a look what the booklet for
CIELCh(59, 45.148, 157.130)
contains.

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Color

CIELCh(59, 45.148, 157.130)

Conversions

Conversions Part 1

Format	Color
Hex	39A06E
RGB	57, 160, 110
RGB Percent	22%, 63%, 43%
CMY	0.7777, 0.3736, 0.5696
CMYK	0.65, 0.00, 0.31, 0.37
HSL	151°, 48%, 42%
HSV	151°, 65%, 63%
XYZ	16.9935, 27.0277, 19.0010
YIQ	123.5030, -45.3380, -37.3860

Conversions

Conversions Part 2

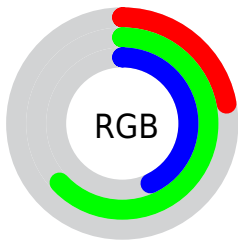
Format	Color
RYB	57, 125, 160
Decimal	3776622
CIELab	59.00, -41.60, 17.55
CIELCh	59, 45.148, 157.130
Yxy	27.0277, 0.2696, 0.4289
Android (android.graphics.Color)	4281966702 (0xFF39A06E)
YUV	123.5030, -6.6570, -58.3231
Hunter-Lab	51.9882, -32.6327, 14.7221

Details

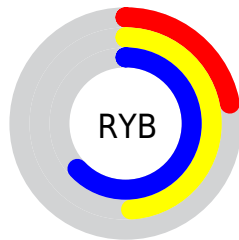
The CIELCh color **59, 45.148, 157.130** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **40, 47.932, 352.297**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 45.325, 157.079**, and **39, 42.106, 154.773** is the 20% darker color. If you saturate the color by 10%, you get **58, 50.569, 155.401**, and if you desaturate by 10%, it is **60, 39.107, 158.662**.

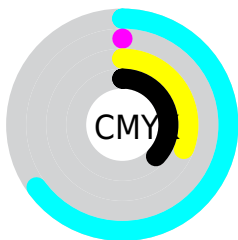
Distribution



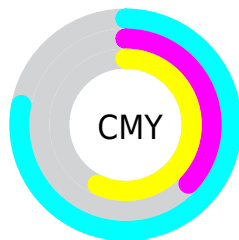
- Red (22%)
- Green (63%)
- Blue (43%)



- Red (22%)
- Yellow (49%)
- Blue (63%)



- Cyan (65%)
- Magenta (0%)
- Yellow (31%)
- Black (37%)





- Cyan (78%)
- Magenta (37%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 45.148, 157.130 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, 45.148, 157.130 by changing the saturation by 10% instead.


 59, 45.148,
157.130


 59, 45.148,
157.130


 100, 45.148,
157.130


 49, 45.148,
157.130


 79, 45.148,
157.130

 39, 45.148,
157.130

 89, 45.148,
157.130

 29, 45.148,
157.130

 99, 45.148,
157.130

 19, 45.148,
157.130

 9, 45.148, 157.130

 0, 45.148, 157.130

■ 59, 45.148,
157.130

■ 59, 45.148,
157.130

■ 58, 50.569,
155.401

■ 60, 39.107,
158.662

■ 58, 55.310,
153.466

■ 60, 32.540,
160.018

■ 58, 59.376,
151.337

■ 61, 25.565,
161.221

■ 58, 61.452,
150.185

■ 63, 18.305,
162.295

■ 64, 10.875,
163.265

■ 65, 3.377, 164.201

■ 67, 4.107, 344.801

■ 68, 11.511,
345.579

■ 70, 18.788,
346.259

Harmonies

Complementary

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



59, 45.148, 157.130



40, 47.932, 352.297

Rectangle

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



59, 45.148, 157.130



59, 45.148, 207.130



59, 45.148, 337.130



59, 45.148, 27.130

Sweetspot

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



59, 45.149, 157.130



80, 17.534, 162.806



60, 58.161, 126.365



42, 12.151, 162.541



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 45.149, 157.130



74, 63.555, 154.666



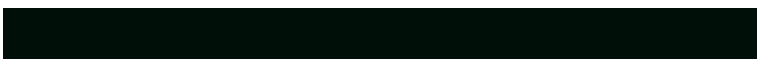
60, 30.163, 196.809



33, 4.202, 163.750



52, 56.341, 150.426



3, 5.610, 163.038

Inverse Universe

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



40, 47.932, 352.297



48, 66.253, 355.528



39, 48.573, 28.399



31, 4.258, 345.180



30, 54.996, 2.427



1, 5.415, 345.857

Previews

White Background



This preview shows how the CIELCh color 59, 45.148, 157.130 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 59, 45.148, 157.130 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, 45.148, 157.130

Background



This preview shows how black text looks on a background with the CIELCh color 59, 45.148, 157.130.

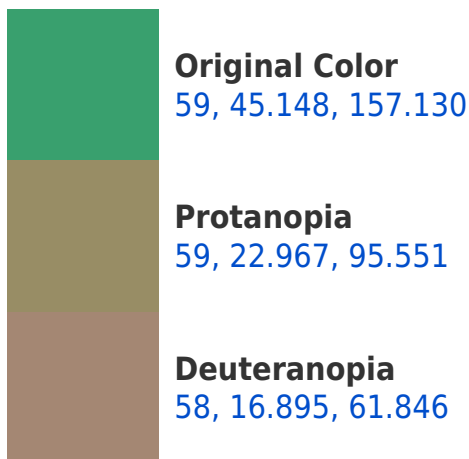


This preview shows how white text looks on a background with the CIELCh color 59, 45.148, 157.130.

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





Tritanopia
59, 24.374, 213.798

Trichromacy



Original Color
59, 45.148, 157.130



Protanomaly
58, 27.795, 134.496



Deuteranomaly
58, 19.176, 131.991

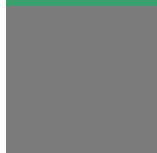


Tritanomaly
59, 28.478, 185.260

Monochromacy



Original Color
59, 45.148, 157.130



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 17.808, 161.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 45.148, 157.130 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(57, 160, 110)` looks like.

```
.text, #text, p{  
    color:rgb(57, 160, 110)  
}
```

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(57, 160, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 160, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 45.148, 157.130 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(57, 160, 110) }
```

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

```
.border{ border-color:rgb(57, 160, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 160, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 160, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 160, 110);  
box-shadow:4px 4px 4px 4px rgb(57, 160,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 45.148, 157.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 160, 110) }
```

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

```
.background{ background-color: rgb(57, 160,  
110) }
```

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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