

Converting Colors

CIELCh(57, 62.309, 147.853)

Have a look what the booklet for
CIELCh(57, 62.309, 147.853)
contains.

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Color

CIELCh(57, 62.349, 147.905)

Conversions

Conversions Part 1

Format	Color
Hex	109E4C
RGB	16, 158, 76
RGB Percent	6%, 62%, 30%
CMY	0.9381, 0.3822, 0.7036
CMYK	0.90, 0.00, 0.52, 0.38
HSL	145°, 82%, 34%
HSV	145°, 90%, 62%
XYZ	13.6493, 24.9227, 10.8541
YIQ	106.1940, -58.3100, -55.6060

Conversions

Conversions Part 2

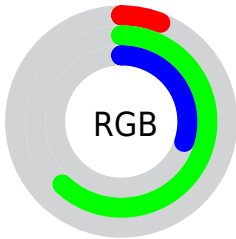
Format	Color
R_{YB}	16, 116, 158
Decimal	1089100
CIE _{Lab}	57.00, -52.82, 33.13
CIE _{LCh}	57, 62.349, 147.905
Yxy	24.9227, 0.2762, 0.5042
Android (android.graphics.Color)	4279279180 (0xFF109E4C)
YUV	106.1940, -14.8856, -79.1001
Hunter-Lab	49.9226, -38.5609, 22.0551

Details

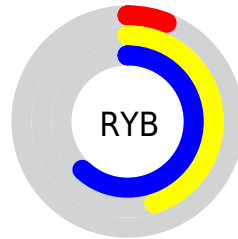
The CIELCh color **57, 62.349, 147.905** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **35, 59.396, 351.515**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 62.348, 148.098**, and **38, 55.076, 141.267** is the 20% darker color. If you saturate the color by 10%, you get **57, 66.608, 145.848**, and if you desaturate by 10%, it is **57, 57.481, 149.905**.

Distribution



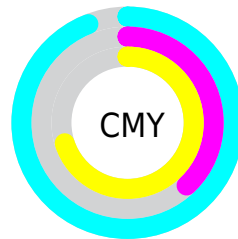
- Red (6%)
- Green (62%)
- Blue (30%)



- Red (6%)
- Yellow (45%)
- Blue (62%)



- Cyan (90%)
- Magenta (0%)
- Yellow (52%)
- Black (38%)





- Cyan (94%)
- Magenta (38%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 62.349, 147.905 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 57, 62.349, 147.905 by changing the saturation by 10% instead.


 57, 62.349,
147.905


 57, 62.349,
147.905


 100, 62.349,
147.905


 47, 62.349,
147.905


 77, 62.349,
147.905

 37, 62.349,
147.905

 87, 62.349,
147.905

 27, 62.349,
147.905

 97, 62.349,
147.905

 17, 62.349,
147.905

 7, 62.349, 147.905

 0, 62.349, 147.905

■ 57, 62.349,
147.905

■ 57, 62.349,
147.905

■ 57, 66.608,
145.848

■ 57, 57.481,
149.905

■ 57, 66.615,
145.845

■ 58, 51.881,
151.715

■ 58, 45.598,
153.326

■ 59, 38.727,
154.747

■ 60, 31.394,
155.996

■ 61, 23.731,
157.094

■ 62, 15.869,
158.067

■ 63, 7.920, 158.945

Harmonies

Complementary

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



57, 62.349, 147.905



35, 59.396, 351.515

Rectangle

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



57, 62.349, 147.905



57, 62.349, 197.905



57, 62.349, 327.905



57, 62.349, 17.905

Sweetspot

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



57, 62.349, 147.905



78, 26.408, 157.346



59, 70.730, 123.928



40, 17.725, 157.027



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 62.349, 147.905



72, 81.494, 145.389



58, 36.631, 185.535



33, 4.497, 159.007



52, 61.719, 146.050



3, 5.974, 158.645

Inverse Universe

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



35, 59.396, 351.515



44, 73.117, 355.060



33, 63.942, 32.201



31, 4.537, 340.327



30, 56.429, 354.055



1, 5.758, 341.134

Previews

White Background



This preview shows how the CIELCh color 57, 62.349, 147.905 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 57, 62.349, 147.905 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 57, 62.349, 147.905

Background



This preview shows how black text looks on a background with the CIELCh color 57, 62.349, 147.905.



This preview shows how white text looks on a background with the CIELCh color 57, 62.349, 147.905.

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
57, 62.405, 147.951

Protanopia
57, 38.189, 95.933

Deuteranopia
57, 31.342, 76.391



Tritanopia
57, 26.056, 212.639

Trichromacy



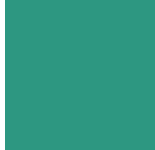
Original Color
57, 62.405, 147.951



Protanomaly
55, 44.180, 129.825



Deuteranomaly
55, 35.738, 126.524



Tritanomaly
56, 35.318, 175.219

Monochromacy



Original Color
57, 62.405, 147.951



Achromatopsia
45, 0.006, 296.813



Achromatomaly
48, 26.981, 155.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 62.349, 147.905 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(16, 158, 76)` looks like.

```
.text, #text, p{  
    color:rgb(16, 158, 76)  
}
```

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(16, 158, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 158, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 62.349, 147.905 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(16, 158, 76) }
```

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

```
.border{ border-color:rgb(16, 158, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 158, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 158, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 158, 76);  
box-shadow:4px 4px 4px 4px rgb(16, 158,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 62.349, 147.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 158, 76) }
```

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

```
.background{ background-color: rgb(16, 158,  
76) }
```

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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