

Converting Colors

CIELCh(57, 62.376, 109.373)

Have a look what the booklet for
CIELCh(57, 62.376, 109.373)
contains.

CIELCh(57, 62.401, 109.392)	3
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Color

CIELCh(57, 62.401, 109.392)

Conversions

Conversions Part 1

Format	Color
Hex	82910A
RGB	130, 145, 10
RGB Percent	51%, 57%, 4%
CMY	0.4912, 0.4323, 0.9589
CMYK	0.10, 0.00, 0.93, 0.43
HSL	67°, 86%, 30%
HSV	67°, 93%, 57%
XYZ	19.3102, 24.9227, 4.0937
YIQ	125.1250, 34.3950, -45.1650

Conversions

Conversions Part 2

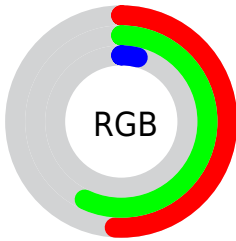
Format	Color
R_{YB}	10, 145, 25
Decimal	8556810
CIE _{Lab}	57.00, -20.72, 58.86
CIE _{LCh}	57, 62.401, 109.392
Yxy	24.9227, 0.3996, 0.5157
Android (android.graphics.Color)	4286746890 (0xFF82910A)
YUV	125.1250, -56.7566, 4.2754
Hunter-Lab	49.9226, -18.3202, 30.0840

Details

The CIELCh color **57, 62.401, 109.392** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18, 83.134, 306.131**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 62.631, 109.535**, and **37, 48.145, 114.015** is the 20% darker color. If you saturate the color by 10%, you get **57, 64.099, 109.539**, and if you desaturate by 10%, it is **57, 59.217, 109.336**.

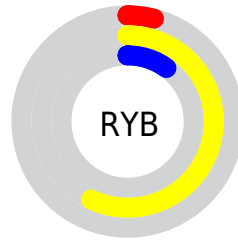
Distribution



Red (51%)

Green (57%)

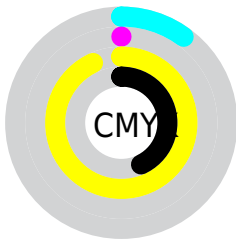
Blue (4%)



Red (4%)

Yellow (57%)

Blue (10%)

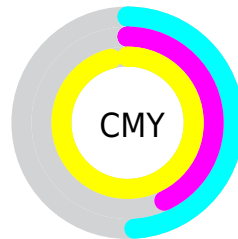


Cyan (10%)

Magenta (0%)

Yellow (93%)

Black (43%)



Cyan (49%)


Magenta (43%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 62.401, 109.392 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, 62.401, 109.392 by changing the saturation by 10% instead.


 57, 62.401,
109.392


 57, 62.401,
109.392


 100, 62.401,
109.392


 47, 62.401,
109.392


 77, 62.401,
109.392

 37, 62.401,
109.392

 87, 62.401,
109.392

 27, 62.401,
109.392

 97, 62.401,
109.392

 17, 62.401,
109.392

 7, 62.401, 109.392

 0, 62.401, 109.392

■ 57, 62.401,
109.392

■ 57, 62.401,
109.392

■ 57, 64.099,
109.539

■ 57, 59.217,
109.336

■ 57, 54.479,
109.557

■ 58, 48.515,
109.996

■ 58, 41.685,
110.589

■ 58, 34.282,
111.281

■ 59, 26.517,
112.030

■ 59, 18.532,
112.806

■ 59, 10.423,

113.588

■ 60, 2.250, 114.354

Harmonies

Complementary

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



57, 62.401, 109.392



18, 83.134, 306.131

Rectangle

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



57, 62.401, 109.392



57, 62.401, 159.392



57, 62.401, 289.392



57, 62.401, 339.392

Sweetspot

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



57, 62.401, 109.394



75, 28.220, 112.351



31, 62.523, 39.606



39, 19.368, 112.052



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 62.401, 109.394



73, 77.963, 109.676



53, 71.061, 130.200



30, 4.565, 113.866



53, 60.972, 109.499



2, 3.097, 114.570

Inverse Universe

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



18, 83.134, 306.131



23, 106.057, 306.666



25, 77.188, 314.933



28, 4.660, 295.319



15, 82.815, 306.792



0, 3.097, 294.570

Previews

White Background



This preview shows how the CIELCh color 57, 62.401, 109.392 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, 62.401, 109.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

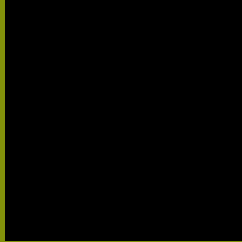
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 62.401, 109.392

Background



This preview shows how black text looks on a background with the CIELCh color 57, 62.401, 109.392.



This preview shows how white text looks on a background with the CIELCh color 57, 62.401, 109.392.

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, 62.555, 109.360

Protanopia
57, 60.801, 95.322

Deuteranopia
57, 57.263, 83.025



Tritanopia
57, 6.053, 309.349

Trichromacy



Original Color
57, 62.555, 109.360

Protanomaly
57, 60.930, 100.766

Deuteranomaly
57, 57.702, 92.851

Tritanomaly
57, 24.199, 110.348

Monochromacy



Original Color
57, 62.555, 109.360

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 27.752, 111.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 62.401, 109.392 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(130, 145, 10)` looks like.

```
.text, #text, p{  
    color:rgb(130, 145, 10)  
}
```

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(130, 145, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 145, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 62.401, 109.392 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(130, 145, 10) }
```

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

```
.border{ border-color:rgb(130, 145, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 145, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 145, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 145, 10);  
box-shadow:4px 4px 4px 4px rgb(130, 145,  
10) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 62.401, 109.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 145, 10) }
```

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

```
.background{ background-color: rgb(130,  
145, 10) }
```

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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