

Converting Colors

CIELCh(57, 73.941, 127.251)

Have a look what the booklet for
CIELCh(57, 73.941, 127.251)
contains.

CIELCh(57, 73.812, 127.325)	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(57, 73.812, 127.325)

Conversions

Conversions Part 1

Format	Color
Hex	509A04
RGB	80, 154, 4
RGB Percent	31%, 60%, 2%
CMY	0.6852, 0.3950, 0.9861
CMYK	0.48, 0.00, 0.98, 0.40
HSL	89°, 96%, 31%
HSV	89°, 98%, 60%
XYZ	14.9499, 24.9227, 4.1240
YIQ	114.7740, 4.0460, -62.3380

Conversions

Conversions Part 2

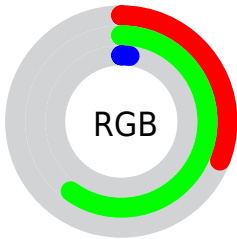
Format	Color
R_{YB}	4, 154, 78
Decimal	5282308
CIE _{Lab}	57.00, -44.75, 58.70
CIE _{LCh}	57, 73.812, 127.325
Yxy	24.9227, 0.3398, 0.5665
Android (android.graphics.Color)	4283472388 (0xFF509A04)
YUV	114.7740, -54.6116, -30.4968
Hunter-Lab	49.9226, -33.9106, 30.0480

Details

The CIELCh color **57, 73.812, 127.325** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **24, 84.732, 311.916**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 73.826, 127.461**, and **37, 60.231, 134.934** is the 20% darker color. If you saturate the color by 10%, you get **57, 74.569, 127.509**, and if you desaturate by 10%, it is **57, 70.275, 126.489**.

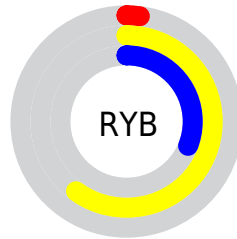
Distribution



Red (31%)

Green (60%)

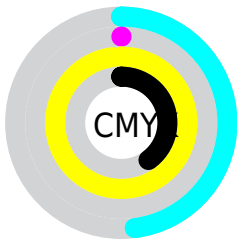
Blue (2%)



Red (2%)

Yellow (60%)

Blue (31%)

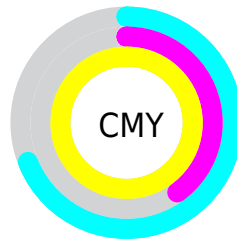


Cyan (48%)

Magenta (0%)

Yellow (98%)

Black (40%)



Cyan (69%)


Magenta (40%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 73.812, 127.325 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, 73.812, 127.325 by changing the saturation by 10% instead.


 57, 73.812,
127.325


 57, 73.812,
127.325


 100, 73.812,
127.325


 47, 73.812,
127.325


 77, 73.812,
127.325


 37, 73.812,
127.325


 87, 73.812,
127.325

 27, 73.812,
127.325

 97, 73.812,
127.325

 17, 73.812,
127.325

 7, 73.812, 127.325

 0, 73.812, 127.325

■ 57, 73.812,
127.325

■ 57, 73.812,
127.325

■ 57, 74.569,
127.509

■ 57, 70.275,
126.489

■ 58, 65.213,
126.056

■ 58, 58.722,
126.002

■ 59, 51.178,
126.209

■ 60, 42.925,
126.572

■ 60, 34.224,
127.015

■ 61, 25.260,
127.490

■ 62, 16.163,

127.966

■ 63, 7.022, 128.430

Harmonies

Complementary

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



57, 73.812, 127.325



24, 84.732, 311.916

Rectangle

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



57, 73.812, 127.325



57, 73.812, 177.325



57, 73.812, 307.325



57, 73.812, 357.325

Sweetspot

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



57, 73.812, 127.326



78, 32.848, 127.400



41, 57.636, 60.210



41, 22.681, 127.210



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, 73.812, 127.326



73, 91.158, 127.836



55, 81.604, 136.045



32, 5.120, 128.360



52, 69.468, 127.371



3, 5.551, 129.048

Inverse Universe

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



24, 84.732, 311.916



32, 104.755, 311.625



36, 78.962, 327.573



30, 5.189, 309.143



21, 79.942, 311.943



1, 5.532, 308.457

Previews

White Background



This preview shows how the CIELCh color 57, 73.812, 127.325 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, 73.812, 127.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

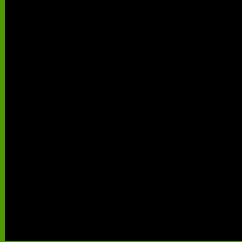
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 73.812, 127.325

Background



This preview shows how black text looks on a background with the CIELCh color 57, 73.812, 127.325.



This preview shows how white text looks on a background with the CIELCh color 57, 73.812, 127.325.

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, 73.676, 127.383

Protanopia
57, 61.385, 94.834

Deuteranopia
57, 55.363, 82.514



Tritanopia
57, 15.996, 223.730

Trichromacy



Original Color
57, 73.676, 127.383

Protanomaly
56, 63.369, 109.568

Deuteranomaly
56, 57.443, 103.296

Tritanomaly
56, 34.170, 145.440

Monochromacy



Original Color
57, 73.676, 127.383

Achromatopsia
48, 0.006, 296.813

Achromatomaly
51, 33.330, 126.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 73.812, 127.325 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(80, 154, 4)` looks like.

```
.text, #text, p{  
    color:rgb(80, 154, 4)  
}
```

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(80, 154, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 154, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 73.812, 127.325 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(80, 154, 4) }
```

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

```
.border{ border-color:rgb(80, 154, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 154, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 154, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 154, 4);  
box-shadow:4px 4px 4px 4px rgb(80, 154, 4)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 73.812, 127.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 154, 4) }
```

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

```
.background{ background-color: rgb(80, 154,  
4) }
```

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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