

Converting Colors

CIELCh(57, 78.057, 131.318)

Have a look what the booklet for
CIELCh(57, 78.057, 131.318)
contains.

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Color

CIELCh(57, 78.244, 131.343)

Conversions

Conversions Part 1

Format	Color
Hex	3C9D01
RGB	60, 157, 1
RGB Percent	24%, 62%, 0%
CMY	0.7666, 0.3859, 0.9954
CMYK	0.62, 0.00, 0.99, 0.39
HSL	97°, 99%, 31%
HSV	97°, 99%, 61%
XYZ	13.8276, 24.9227, 4.1153
YIQ	110.2130, -7.7360, -69.0800

Conversions

Conversions Part 2

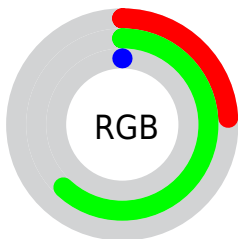
Format	Color
R_{YB}	1, 157, 98
Decimal	3972353
CIE _{Lab}	57.00, -51.69, 58.74
CIE _{LCh}	57, 78.244, 131.343
Yxy	24.9227, 0.3226, 0.5814
Android (android.graphics.Color)	4282162433 (0xFF3C9D01)
YUV	110.2130, -53.8420, -44.0368
Hunter-Lab	49.9226, -37.9235, 30.0583

Details

The CIELCh color **57, 78.244, 131.343** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **27, 84.051, 315.267**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 78.760, 131.216**, and **38, 61.962, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **57, 78.501, 131.386**, and if you desaturate by 10%, it is **57, 74.660, 130.665**.

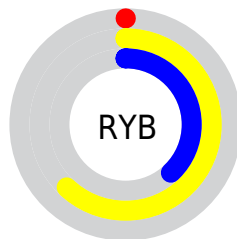
Distribution



Red (24%)

Green (62%)

Blue (0%)



Red (0%)

Yellow (62%)

Blue (38%)

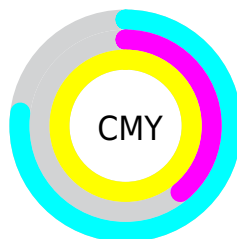


Cyan (62%)

Magenta (0%)

Yellow (99%)

Black (39%)



Cyan (77%)


Magenta (39%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 78.244, 131.343 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, 78.244, 131.343 by changing the saturation by 10% instead.


 57, 78.244,
131.343

 57, 78.244,
131.343


 100, 78.244,
131.343


 47, 78.244,
131.343


 77, 78.244,
131.343

 37, 78.244,
131.343

 87, 78.244,
131.343

 27, 78.244,
131.343

 97, 78.244,
131.343

 17, 78.244,
131.343

 7, 78.244, 131.343

 0, 78.244, 131.343

■ 57, 78.244,
131.343

■ 57, 78.244,
131.343

■ 57, 78.501,
131.386

■ 57, 74.660,
130.665

■ 58, 69.571,
130.307

■ 58, 62.925,
130.325

■ 59, 55.112,
130.597

■ 60, 46.500,
131.015

■ 60, 37.383,
131.499

■ 61, 27.971,
131.997

■ 62, 18.415,

132.480

■ 63, 8.824, 132.937

Harmonies

Complementary

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



57, 78.244, 131.343



27, 84.051, 315.267

Rectangle

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



57, 78.244, 131.343



57, 78.244, 181.343



57, 78.244, 311.343



57, 78.244, 1.343

Sweetspot

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



57, 78.244, 131.344



78, 35.579, 131.930



47, 57.097, 71.549



40, 24.186, 131.736



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, 78.244, 131.344



73, 95.825, 131.672



56, 80.472, 137.335



33, 5.439, 132.937



52, 73.284, 131.268



3, 7.149, 133.937

Inverse Universe

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



27, 84.051, 315.267



36, 102.768, 315.028



36, 73.233, 333.382



31, 5.493, 313.663



24, 78.793, 315.318



1, 7.058, 312.231

Previews

White Background



This preview shows how the CIELCh color 57, 78.244, 131.343 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 57, 78.244, 131.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

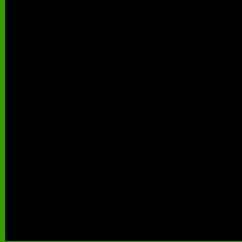
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 78.244, 131.343

Background



This preview shows how black text looks on a background with the CIELCh color 57, 78.244, 131.343.



This preview shows how white text looks on a background with the CIELCh color 57, 78.244, 131.343.

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, 78.375, 131.284

Protanopia
56, 61.313, 95.275

Deuteranopia
57, 54.691, 82.347



Tritanopia
57, 20.317, 215.883

Trichromacy



Original Color
57, 78.375, 131.284

Protanomaly
56, 64.144, 112.719

Deuteranomaly
55, 57.981, 107.430

Tritanomaly
56, 39.812, 150.739

Monochromacy



Original Color
57, 78.375, 131.284

Achromatopsia
46, 0.006, 296.813

Achromatomaly
49, 35.781, 130.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 78.244, 131.343 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(60, 157, 1)` looks like.

```
.text, #text, p{  
    color:rgb(60, 157, 1)  
}
```

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(60, 157, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 157, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 78.244, 131.343 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(60, 157, 1) }
```

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

```
.border{ border-color:rgb(60, 157, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 157, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 157, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 157, 1);  
box-shadow:4px 4px 4px 4px rgb(60, 157, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 78.244, 131.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 157, 1) }
```

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

```
.background{ background-color: rgb(60, 157,  
1) }
```

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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