

Converting Colors

CIELCh(57, 60.394, 103.099)

Have a look what the booklet for
CIELCh(57, 60.394, 103.099)
contains.

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Color

CIELCh(57, 60.240, 103.085)

Conversions

Conversions Part 1

Format	Color
Hex	8D8D0E
RGB	141, 141, 14
RGB Percent	55%, 55%, 5%
CMY	0.4451, 0.4452, 0.9456
CMYK	0.00, 0.00, 0.90, 0.45
HSL	60°, 82%, 30%
HSV	60°, 90%, 55%
XYZ	20.7397, 24.9227, 4.1277
YIQ	126.5220, 40.7670, -39.4970

Conversions

Conversions Part 2

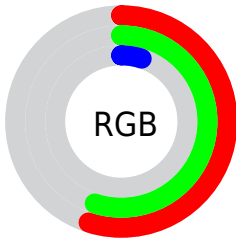
Format	Color
RYB	14, 141, 14
Decimal	9276686
CIELab	57.00, -13.64, 58.68
CIELCh	57, 60.240, 103.085
Yxy	24.9227, 0.4165, 0.5006
Android (android.graphics.Color)	4287466766 (0xFF8D8D0E)
YUV	126.5220, -55.4733, 12.6972
Hunter-Lab	49.9226, -13.2092, 30.0436

Details

The CIELCh color **57, 60.240, 103.085** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 80.892, 305.105**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 59.962, 102.895**, and **37, 45.726, 105.384** is the 20% darker color. If you saturate the color by 10%, you get **57, 62.500, 102.837**, and if you desaturate by 10%, it is **57, 56.765, 103.476**.

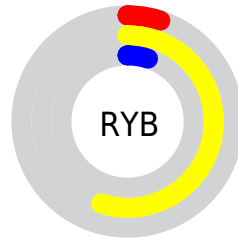
Distribution



Red (55%)

Green (55%)

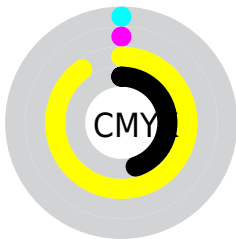
Blue (5%)



Red (5%)

Yellow (55%)

Blue (5%)

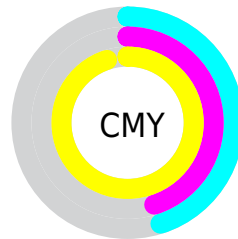


Cyan (0%)

Magenta (0%)

Yellow (90%)

Black (45%)



Cyan (45%)


Magenta (45%)

Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 60.240, 103.085 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, 60.240, 103.085 by changing the saturation by 10% instead.


 57, 60.240,
103.085


 57, 60.240,
103.085


 100, 60.240,
103.085


 47, 60.240,
103.085


 77, 60.240,
103.085

 37, 60.240,
103.085

 87, 60.240,
103.085

 27, 60.240,
103.085

 97, 60.240,
103.085

 17, 60.240,
103.085

 7, 60.240, 103.085

 0, 60.240, 103.085

■ 57, 60.240,
103.085

■ 57, 60.240,
103.085

■ 57, 62.500,
102.837

■ 57, 56.765,
103.476

■ 57, 51.827,
104.038

■ 57, 45.767,
104.741

■ 57, 38.932,
105.546

■ 58, 31.592,
106.420

■ 58, 23.937,
107.337

■ 58, 16.096,
108.274

■ 58, 8.151, 109.212

Harmonies

Complementary

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



57, 60.240, 103.085



17, 80.892, 305.105

Rectangle

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



57, 60.240, 103.085



57, 60.240, 153.085



57, 60.240, 283.085



57, 60.240, 333.085

Sweetspot

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



57, 60.240, 103.087



74, 26.511, 107.583



30, 61.216, 35.792



38, 17.768, 107.309



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



57, 60.240, 103.087



72, 75.706, 102.836



53, 66.521, 126.356



30, 4.545, 109.307



55, 60.452, 102.837



2, 3.084, 110.166

Inverse Universe

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



17, 80.892, 305.105



22, 104.544, 306.284



23, 76.169, 312.049



27, 4.641, 291.087



14, 83.476, 306.283



0, 3.084, 290.168

Previews

White Background



This preview shows how the CIELCh color 57, 60.240, 103.085 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, 60.240, 103.085 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, 60.240, 103.085

Background



This preview shows how black text looks on a background with the CIELCh color 57, 60.240, 103.085.



This preview shows how white text looks on a background with the CIELCh color 57, 60.240, 103.085.

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, 60.055, 103.106

Protanopia

57, 59.655, 95.315

Deuteranopia

57, 57.743, 82.656



Tritanopia
57, 9.416, 343.239

Trichromacy



Original Color
57, 60.055, 103.106

Protanomaly
57, 59.756, 98.565

Deuteranomaly
57, 57.778, 89.988

Tritanomaly
57, 23.352, 93.281

Monochromacy



Original Color
57, 60.055, 103.106

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 26.012, 106.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 60.240, 103.085 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(141, 141, 14)` looks like.

```
.text, #text, p{  
    color:rgb(141, 141, 14)  
}
```

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(141, 141, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 141, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 60.240, 103.085 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(141, 141, 14) }
```

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

```
.border{ border-color:rgb(141, 141, 14) }
```

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

Here you see how a box with a 4 pixel rgb(141, 141, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 141, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 141, 14);  
box-shadow:4px 4px 4px 4px rgb(141, 141,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 60.240, 103.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 141, 14) }
```

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

```
.background{ background-color: rgb(141,  
141, 14) }
```

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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