

Converting Colors

CIELCh(57, 71.619, 123.529)

Have a look what the booklet for
CIELCh(57, 71.619, 123.529)
contains.

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Color

CIELCh(57, 71.322, 123.612)

Conversions

Conversions Part 1

Format	Color
Hex	5D9801
RGB	93, 152, 1
RGB Percent	36%, 60%, 0%
CMY	0.6338, 0.4025, 0.9971
CMYK	0.39, 0.00, 1.00, 0.40
HSL	83°, 99%, 30%
HSV	83°, 100%, 60%
XYZ	15.8434, 24.9227, 3.9962
YIQ	117.1450, 13.3070, -59.4690

Conversions

Conversions Part 2

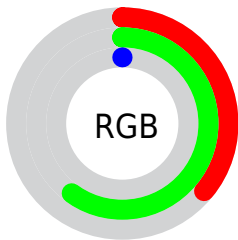
Format	Color
R_{YB}	1, 152, 60
Decimal	6133761
CIE _{Lab}	57.00, -39.48, 59.40
CIE _{LCh}	57, 71.322, 123.612
Yxy	24.9227, 0.3539, 0.5568
Android (android.graphics.Color)	4284323841 (0xFF5D9801)
YUV	117.1450, -57.2595, -21.1752
Hunter-Lab	49.9226, -30.7158, 30.1998

Details

The CIELCh color **57, 71.322, 123.612** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **21, 86.557, 309.832**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 71.245, 123.632**, and **37, 56.661, 131.066** is the 20% darker color. If you saturate the color by 10%, you get **57, 71.470, 123.651**, and if you desaturate by 10%, it is **57, 68.185, 122.766**.

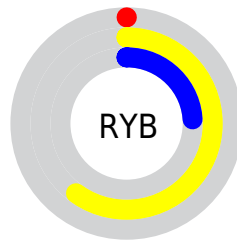
Distribution



Red (36%)

Green (60%)

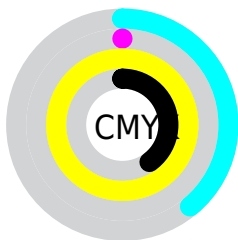
Blue (0%)



Red (0%)

Yellow (60%)

Blue (24%)

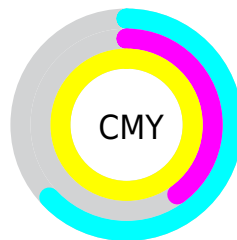


Cyan (39%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (63%)


Magenta (40%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 71.322, 123.612 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, 71.322, 123.612 by changing the saturation by 10% instead.


 57, 71.322,
123.612


 57, 71.322,
123.612


 100, 71.322,
123.612

 47, 71.322,
123.612


 77, 71.322,
123.612

 37, 71.322,
123.612

 87, 71.322,
123.612

 27, 71.322,
123.612

 97, 71.322,
123.612

 17, 71.322,
123.612

 7, 71.322, 123.612

 0, 71.322, 123.612

■ 57, 71.322,
123.612

■ 57, 71.322,
123.612

■ 57, 71.470,
123.651

■ 57, 68.185,
122.766

■ 58, 63.713,
122.261

■ 58, 57.770,
122.152

■ 59, 50.717,
122.323

■ 59, 42.905,
122.674

■ 60, 34.606,
123.125

■ 61, 26.010,
123.624

■ 61, 17.250,

124.138

■ 62, 8.415, 124.647

Harmonies

Complementary

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



57, 71.322, 123.612



21, 86.557, 309.832

Rectangle

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



57, 71.322, 123.612



57, 71.322, 173.612



57, 71.322, 303.612



57, 71.322, 353.612

Sweetspot

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



57, 71.322, 123.613



77, 32.829, 123.569



38, 60.889, 52.673



40, 22.293, 123.374



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 71.322, 123.613



73, 87.278, 123.974



55, 80.673, 135.359



32, 5.012, 124.662



53, 67.214, 123.534



3, 5.440, 125.474

Inverse Universe

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



21, 86.557, 309.832



29, 105.991, 309.620



33, 79.213, 323.803



30, 5.093, 305.555



19, 81.637, 309.910



1, 5.425, 304.861

Previews

White Background



This preview shows how the CIELCh color 57, 71.322, 123.612 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, 71.322, 123.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

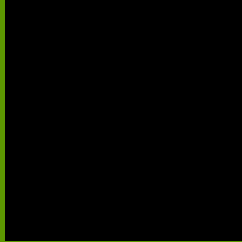
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 71.322, 123.612

Background



This preview shows how black text looks on a background with the CIELCh color 57, 71.322, 123.612.



This preview shows how white text looks on a background with the CIELCh color 57, 71.322, 123.612.

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, 71.179, 123.667

Protanopia
57, 61.631, 95.325

Deuteranopia
57, 55.888, 82.149



Tritanopia
57, 12.749, 228.155

Trichromacy



Original Color
57, 71.179, 123.667

Protanomaly
57, 63.260, 107.481

Deuteranomaly
56, 57.654, 100.435

Tritanomaly
56, 32.028, 139.118

Monochromacy



Original Color
57, 71.179, 123.667

Achromatopsia
49, 0.007, 296.813

Achromatomaly
51, 32.554, 123.445

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 57, 71.322, 123.612 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(93, 152, 1)` looks like.

```
.text, #text, p{  
    color:rgb(93, 152, 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(93, 152, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 152, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 71.322, 123.612 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(93, 152, 1) }
```

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

```
.border{ border-color:rgb(93, 152, 1) }
```

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

Here you see how a box with a 4 pixel rgb(93, 152, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 152, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 152, 1);  
box-shadow:4px 4px 4px 4px rgb(93, 152, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 71.322, 123.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 152, 1) }
```

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

```
.background{ background-color: rgb(93, 152,  
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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