

Converting Colors

CIELCh(57, 42.150, 152.771)

Have a look what the booklet for
CIELCh(57, 42.150, 152.771)
contains.

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Color

CIELCh(57, 42.203, 152.805)

Conversions

Conversions Part 1

Format	Color
Hex	459966
RGB	69, 153, 102
RGB Percent	27%, 60%, 40%
CMY	0.7303, 0.4009, 0.6008
CMYK	0.55, 0.00, 0.33, 0.40
HSL	144°, 38%, 43%
HSV	144°, 55%, 60%
XYZ	16.1815, 24.9227, 16.4751
YIQ	122.0700, -33.6930, -33.6690

Conversions

Conversions Part 2

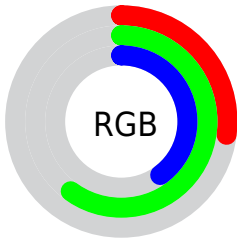
Format	Color
RYB	69, 129, 153
Decimal	4561254
CIELab	57.00, -37.54, 19.29
CIELCh	57, 42.203, 152.805
Yxy	24.9227, 0.2810, 0.4328
Android (android.graphics.Color)	4282751334 (0xFF459966)
YUV	122.0700, -9.8945, -46.5424
Hunter-Lab	49.9226, -29.5069, 15.3793

Details

The CIELCh color **57, 42.203, 152.805** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **42, 43.171, 343.308**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 42.228, 152.535**, and **37, 41.852, 152.935** is the 20% darker color. If you saturate the color by 10%, you get **56, 48.827, 151.310**, and if you desaturate by 10%, it is **58, 35.063, 154.119**.

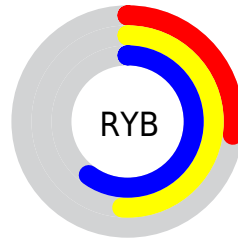
Distribution



Red (27%)

Green (60%)

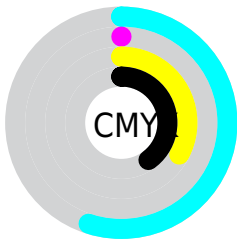
Blue (40%)



Red (27%)

Yellow (51%)

Blue (60%)

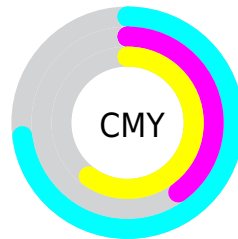


Cyan (55%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (73%)


Magenta (40%)


Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 42.203, 152.805 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, 42.203, 152.805 by changing the saturation by 10% instead.

 57, 42.203,
152.805


 57, 42.203,
152.805

 100, 42.203,
152.805


 47, 42.203,
152.805


 77, 42.203,
152.805

 37, 42.203,
152.805

 87, 42.203,
152.805

 27, 42.203,
152.805

 97, 42.203,
152.805

 17, 42.203,
152.805

 7, 42.203, 152.805

 0, 42.203, 152.805

■ 57, 42.203,
152.805

■ 57, 42.203,
152.805

■ 56, 48.827,
151.310

■ 58, 35.063,
154.119

■ 56, 54.817,
149.622

■ 59, 27.539,
155.271

■ 55, 60.091,
147.742

■ 60, 19.764,
156.285

■ 55, 64.627,
145.706

■ 61, 11.859,
157.186

■ 55, 66.733,
144.732

■ 62, 3.930, 158.026

■ 64, 3.941, 338.578

■ 66, 11.691,
339.263

■ 67, 19.274,
339.848

■ 69, 26.661,
340.377

Harmonies

Complementary

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



57, 42.203, 152.805



42, 43.171, 343.308

Rectangle

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



57, 42.203, 152.805



57, 42.203, 202.805



57, 42.203, 332.805



57, 42.203, 22.805

Sweetspot

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



57, 42.204, 152.805



77, 15.701, 157.071



59, 47.291, 122.240



40, 10.574, 156.909



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, 42.204, 152.805



72, 61.124, 150.935



58, 27.975, 185.276



32, 4.471, 157.668



51, 62.444, 144.911



3, 4.850, 158.013

Inverse Universe

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



42, 43.171, 343.308



50, 61.724, 344.978



40, 37.841, 17.421



30, 4.505, 338.945



30, 56.413, 351.574



1, 4.792, 338.782

Previews

White Background



This preview shows how the CIELCh color 57, 42.203, 152.805 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, 42.203, 152.805 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, 42.203, 152.805

Background



This preview shows how black text looks on a background with the CIELCh color 57, 42.203, 152.805.



This preview shows how white text looks on a background with the CIELCh color 57, 42.203, 152.805.

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, 42.203, 152.805

Protanopia
57, 23.655, 95.615

Deuteranopia
57, 18.416, 67.380



Tritanopia
57, 20.894, 217.009

Trichromacy



Original Color
57, 42.203, 152.805



Protanomaly
56, 27.110, 128.032



Deuteranomaly
56, 20.004, 123.640



Tritanomaly
57, 24.667, 183.618

Monochromacy



Original Color
57, 42.203, 152.805



Achromatopsia
51, 0.007, 296.813



Achromatomaly
53, 15.853, 156.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 42.203, 152.805 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(69, 153, 102)` looks like.

```
.text, #text, p{  
    color:rgb(69, 153, 102)  
}
```

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(69, 153, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 153, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 42.203, 152.805 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(69, 153, 102) }
```

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

```
.border{ border-color:rgb(69, 153, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 153, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 153, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 153, 102);  
box-shadow:4px 4px 4px 4px rgb(69, 153,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 42.203, 152.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 153, 102) }
```

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

```
.background{ background-color: rgb(69, 153,  
102) }
```

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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