

Converting Colors

CIELCh(51, 64.926, 114.723)

Have a look what the booklet for
CIELCh(51, 64.926, 114.723)
contains.

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Color

CIELCh(51, 61.316, 115.847)

Conversions

Conversions Part 1

Format	Color
Hex	668400
RGB	102, 132, 0
RGB Percent	40%, 52%, 0%
CMY	0.6007, 0.4830, 1.0000
CMYK	0.23, 0.00, 1.00, 0.48
HSL	74°, 100%, 26%
HSV	74°, 100%, 52%
XYZ	13.6847, 19.2686, 2.9894
YIQ	107.9820, 24.4920, -47.4120

Conversions

Conversions Part 2

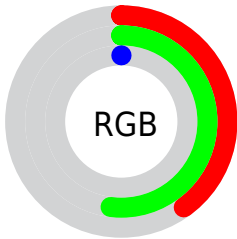
Format	Color
RYB	0, 132, 30
Decimal	6718464
CIELab	51.00, -26.73, 55.18
CIElCh	51, 61.316, 115.847
Yxy	19.2686, 0.3807, 0.5361
Android (android.graphics.Color)	4284908544 (0xFF668400)
YUV	107.9820, -53.2351, -5.2462
Hunter-Lab	43.8960, -21.1700, 26.6895

Details

The CIELCh color **51, 61.316, 115.847** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **15, 80.226, 307.724**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 61.277, 115.646**, and **31, 45.667, 122.585** is the 20% darker color. If you saturate the color by 10%, you get **51, 61.263, 115.865**, and if you desaturate by 10%, it is **51, 58.588, 115.378**.

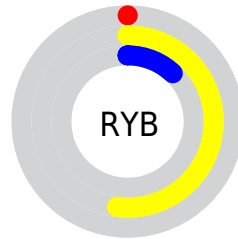
Distribution



Red (40%)

Green (52%)

Blue (0%)



Red (0%)

Yellow (52%)

Blue (12%)

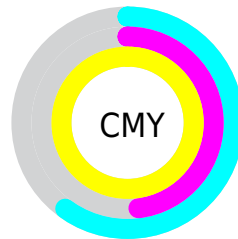


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (60%)


Magenta (48%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 61.316, 115.847 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 51, 61.316, 115.847 by changing the saturation by 10% instead.


 51, 61.316,
115.847


 51, 61.316,
115.847


 100, 61.316,
115.847


 41, 61.316,
115.847


 71, 61.316,
115.847

 31, 61.316,
115.847

 81, 61.316,
115.847

 21, 61.316,
115.847

 91, 61.316,
115.847

 11, 61.316,
115.847

 1, 61.316, 115.847

 0, 61.316, 115.847

■ 51, 61.316,
115.847

■ 51, 61.316,
115.847

■ 51, 61.263,
115.865

■ 51, 58.588,
115.378

■ 52, 54.910,
115.126

■ 52, 49.923,
115.202

■ 52, 43.948,
115.516

■ 53, 37.293,
115.986

■ 53, 30.195,
116.552

■ 53, 22.820,
117.168

■ 54, 15.281,

117.803

■ 54, 7.655, 118.439

Harmonies

Complementary

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



51, 61.316, 115.847



15, 80.226, 307.724

Rectangle

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



51, 61.316, 115.847



51, 61.316, 165.847



51, 61.316, 295.847



51, 61.316, 345.847

Sweetspot

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



51, 61.263, 115.865



68, 28.194, 117.125



29, 59.138, 44.173



35, 19.339, 116.900



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 61.263, 115.865



65, 74.152, 116.131



48, 70.654, 133.094



28, 4.338, 118.493



50, 60.661, 115.850



1, 1.043, 119.055

Inverse Universe

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



15, 80.226, 307.724



21, 97.218, 307.551



24, 73.054, 318.149



26, 4.421, 299.646



15, 79.431, 307.735



0, 1.043, 299.054

Previews

White Background



This preview shows how the CIELCh color 51, 61.316, 115.847 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 51, 61.316, 115.847 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 51, 61.316, 115.847

Background



This preview shows how black text looks on a background with the CIELCh color 51, 61.316, 115.847.



This preview shows how white text looks on a background with the CIELCh color 51, 61.316, 115.847.

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

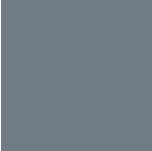
51, 61.316, 115.847

Protanopia

51, 56.662, 95.476

Deuteranopia

51, 51.850, 82.678



Tritanopia
51, 6.402, 254.388

Trichromacy



Original Color
51, 61.316, 115.847

Protanomaly
51, 57.492, 103.805

Deuteranomaly
50, 53.186, 96.439

Tritanomaly
50, 25.187, 124.062

Monochromacy



Original Color
51, 61.316, 115.847

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 28.073, 116.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 61.316, 115.847 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(102, 132, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 132, 0)  
}
```

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(102, 132, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 132, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 61.316, 115.847 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(102, 132, 0) }
```

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

```
.border{ border-color:rgb(102, 132, 0) }
```

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

Here you see how a box with a 4 pixel rgb(102, 132, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 132, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 132, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 132,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 61.316, 115.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 132, 0) }
```

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

```
.background{ background-color: rgb(102,  
132, 0) }
```

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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