

Converting Colors

CIELCh(52, 16.487, 120.065)

Have a look what the booklet for
CIELCh(52, 16.487, 120.065)
contains.

CIELCh(52, 16.466, 120.014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 16.466, 120.014)

Conversions

Conversions Part 1

Format	Color
Hex	777F63
RGB	119, 127, 99
RGB Percent	47%, 50%, 39%
CMY	0.5317, 0.5003, 0.6102
CMYK	0.06, 0.00, 0.22, 0.50
HSL	77°, 12%, 44%
HSV	77°, 22%, 50%
XYZ	17.5774, 20.1443, 14.8652
YIQ	121.4160, 4.2200, -10.4040

Conversions

Conversions Part 2

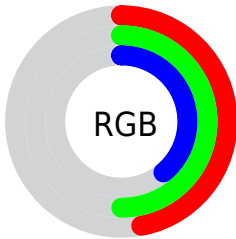
Format	Color
RYB	99, 127, 107
Decimal	7831395
CIELab	52.00, -8.24, 14.26
CIElCh	52, 16.466, 120.014
Yxy	20.1443, 0.3343, 0.3831
Android (android.graphics.Color)	4286021475 (0xFF777F63)
YUV	121.4160, -11.0511, -2.1188
Hunter-Lab	44.8824, -8.6379, 11.7806

Details

The CIELCh color $52, 16.466, 120.014$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44, 17.168, 302.656$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 16.609, 120.857$, and $32, 16.647, 120.363$ is the 20% darker color. If you saturate the color by 10%, you get $51, 23.848, 119.441$, and if you desaturate by 10%, it is $53, 8.996, 120.595$.

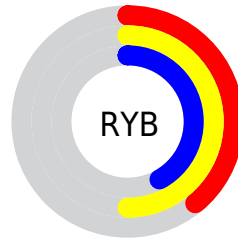
Distribution



Red (47%)

Green (50%)

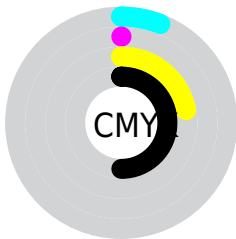
Blue (39%)



Red (39%)

Yellow (50%)

Blue (42%)

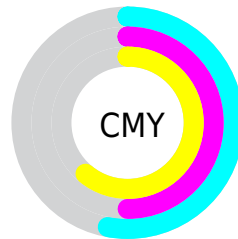


Cyan (6%)

Magenta (0%)

Yellow (22%)

Black (50%)



Cyan (53%)


Magenta (50%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 16.466, 120.014 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 52, 16.466, 120.014 by changing the saturation by 10% instead.


 52, 16.466,
120.014


 52, 16.466,
120.014


 100, 16.466,
120.014


 42, 16.466,
120.014


 72, 16.466,
120.014

 32, 16.466,
120.014

 82, 16.466,
120.014

 22, 16.466,
120.014

 92, 16.466,
120.014

 12, 16.466,
120.014

 2, 16.466, 120.014

 0, 16.466, 120.014

■ 52, 16.466,
120.014

■ 52, 16.466,
120.014

■ 51, 23.848,
119.441

■ 53, 8.996, 120.595

■ 51, 31.059,
118.888

■ 53, 1.488, 121.175

■ 54, 6.017, 301.689

■ 51, 37.982,
118.393

■ 55, 13.493,
302.203

■ 50, 44.447,
118.005

■ 55, 20.919,
302.684

■ 50, 50.214,
117.796

■ 56, 28.279,
303.132

■ 49, 54.980,
117.857

■ 57, 35.563,
303.547

■ 49, 58.445,
118.284

■ 58, 42.763,
303.932

■ 49, 60.693,

118.744

■ 59, 49.872,
304.286

Harmonies

Complementary

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



52, 16.466, 120.014



44, 17.168, 302.656

Rectangle

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



52, 16.466, 120.014



52, 16.466, 170.014



52, 16.466, 300.014



52, 16.466, 350.014

Sweetspot

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



52, 16.467, 120.017



67, 6.511, 120.871



47, 9.895, 48.319



35, 4.264, 120.846



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 16.467, 120.017



66, 24.100, 119.749



51, 18.632, 137.280



27, 4.231, 120.761



49, 60.723, 118.745



0, 0.000, 0.000

Inverse Universe

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



44, 17.168, 302.656



54, 25.367, 303.000



45, 18.837, 319.232



25, 4.307, 301.789



15, 77.576, 308.427



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 16.466, 120.014 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 52, 16.466, 120.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

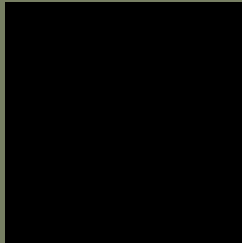
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

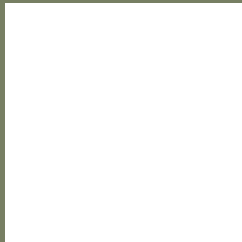
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 16.466, 120.014

Background



This preview shows how black text looks on a background with the CIELCh color 52, 16.466, 120.014.



This preview shows how white text looks on a background with the CIELCh color 52, 16.466, 120.014.

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


52, 16.466, 120.014

Protanopia

52, 15.386, 95.230

Deuteranopia

52, 15.196, 63.037



Tritanopia
52, 5.833, 294.723

Trichromacy



Original Color
52, 16.466, 120.014

Protanomaly
52, 14.993, 104.970

Deuteranomaly
52, 13.936, 84.712

Tritanomaly
52, 2.618, 137.217

Monochromacy



Original Color
52, 16.466, 120.014

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 5.930, 121.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 16.466, 120.014 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(119, 127, 99)` looks like.

```
.text, #text, p{  
    color:rgb(119, 127, 99)  
}
```

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(119, 127, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 127, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 16.466, 120.014 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(119, 127, 99) }
```

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

```
.border{ border-color:rgb(119, 127, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 127, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 127, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 127, 99);  
box-shadow:4px 4px 4px 4px rgb(119, 127,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 16.466, 120.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 127, 99) }
```

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

```
.background{ background-color: rgb(119,  
127, 99) }
```

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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