

Converting Colors

CIELCh(52, 28.554, 119.950)

Have a look what the booklet for
CIELCh(52, 28.554, 119.950)
contains.

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Color

CIELCh(52, 28.554, 119.950)

Conversions

Conversions Part 1

Format	Color
Hex	738251
RGB	115, 130, 81
RGB Percent	45%, 51%, 32%
CMY	0.5497, 0.4909, 0.6830
CMYK	0.12, 0.00, 0.38, 0.49
HSL	78°, 23%, 41%
HSV	78°, 38%, 51%
XYZ	16.4866, 20.1443, 10.7721
YIQ	119.9290, 6.7890, -18.4190

Conversions

Conversions Part 2

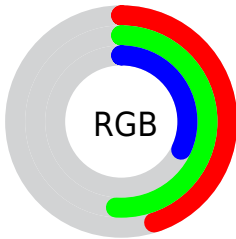
Format	Color
RYB	81, 130, 96
Decimal	7570001
CIELab	52.00, -14.26, 24.74
CIELCh	52, 28.554, 119.950
Yxy	20.1443, 0.3478, 0.4250
Android (android.graphics.Color)	4285760081 (0xFF738251)
YUV	119.9290, -19.1920, -4.3227
Hunter-Lab	44.8824, -12.9761, 17.1876

Details

The CIELCh color $52, 28.554, 119.950$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $38, 30.761, 304.570$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 28.529, 119.705$, and $32, 28.711, 120.005$ is the 20% darker color. If you saturate the color by 10%, you get $52, 35.759, 119.443$, and if you desaturate by 10%, it is $53, 21.117, 120.503$.

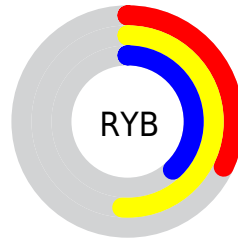
Distribution



Red (45%)

Green (51%)

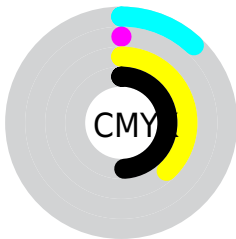
Blue (32%)



Red (32%)

Yellow (51%)

Blue (38%)

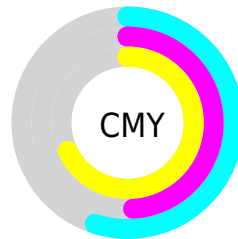


Cyan (12%)

Magenta (0%)

Yellow (38%)

Black (49%)



Cyan (55%)


Magenta (49%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 28.554, 119.950 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, 28.554, 119.950 by changing the saturation by 10% instead.


 52, 28.554,
119.950


 52, 28.554,
119.950


 100, 28.554,
119.950

 42, 28.554,
119.950


 72, 28.554,
119.950

 32, 28.554,
119.950

 82, 28.554,
119.950

 22, 28.554,
119.950

 92, 28.554,
119.950

 12, 28.554,
119.950

 2, 28.554, 119.950

 0, 28.554, 119.950

■ 52, 28.554,
119.950

■ 52, 28.554,
119.950

■ 52, 35.759,
119.443

■ 53, 21.117,
120.503

■ 51, 42.579,
119.019

■ 53, 13.546,
121.066

■ 51, 48.802,
118.744

■ 54, 5.911, 121.624

■ 50, 54.143,
118.704

■ 54, 1.740, 302.133

■ 55, 9.371, 302.660

■ 50, 58.282,
118.999

■ 56, 16.960,
303.142

■ 50, 61.237,
119.620

■ 57, 24.486,
303.590

■ 50, 61.896,
119.749

■ 58, 31.937,
304.006

■ 59, 39.303,
304.391

Harmonies

Complementary

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



52, 28.554, 119.950



38, 30.761, 304.570

Rectangle

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



52, 28.554, 119.950



52, 28.554, 169.950



52, 28.554, 299.950



52, 28.554, 349.950

Sweetspot

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



52, 28.555, 119.952



68, 10.394, 121.429



44, 18.217, 49.499



35, 6.951, 121.368



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, 28.555, 119.952



66, 41.762, 119.525



50, 32.555, 136.822



27, 4.244, 121.549



49, 61.083, 119.724



0, 0.000, 0.000

Inverse Universe

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



38, 30.761, 304.570



45, 45.896, 305.265



40, 33.078, 320.407



25, 4.319, 302.541



15, 77.302, 308.702



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 28.554, 119.950 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, 28.554, 119.950 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, 28.554, 119.950

Background



This preview shows how black text looks on a background with the CIELCh color 52, 28.554, 119.950.



This preview shows how white text looks on a background with the CIELCh color 52, 28.554, 119.950.

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, 28.554, 119.950

Protanopia
52, 26.765, 96.032

Deuteranopia
52, 24.673, 73.908



Tritanopia
52, 5.821, 287.119

Trichromacy



Original Color
52, 28.554, 119.950

Protanomaly
52, 26.764, 104.813

Deuteranomaly
52, 23.885, 91.838

Tritanomaly
52, 6.843, 130.294

Monochromacy



Original Color
52, 28.554, 119.950

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 10.731, 122.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 28.554, 119.950 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(115, 130, 81)` looks like.

```
.text, #text, p{  
    color:rgb(115, 130, 81)  
}
```

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(115, 130, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 130, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 28.554, 119.950 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(115, 130, 81) }
```

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

```
.border{ border-color:rgb(115, 130, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 130, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 130, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 130, 81);  
box-shadow:4px 4px 4px 4px rgb(115, 130,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 28.554, 119.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 130, 81) }
```

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

```
.background{ background-color: rgb(115,  
130, 81) }
```

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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