

Converting Colors

CIELCh(52, 83.779, 101.348)

Have a look what the booklet for
CIELCh(52, 83.779, 101.348)
contains.

CIELCh(52, 58.833, 104.701)	3
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Color

CIELCh(52, 58.833, 104.701)

Conversions

Conversions Part 1

Format	Color
Hex	7D8100
RGB	125, 129, 0
RGB Percent	49%, 51%, 0%
CMY	0.5090, 0.4931, 1.0000
CMYK	0.03, 0.00, 1.00, 0.49
HSL	62°, 100%, 25%
HSV	62°, 100%, 51%
XYZ	16.3672, 20.1443, 2.9893
YIQ	113.0980, 39.0250, -40.9670

Conversions

Conversions Part 2

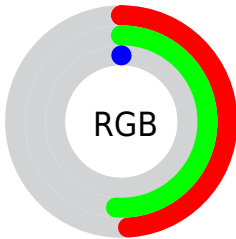
Format	Color
RYB	0, 129, 4
Decimal	8225024
CIELab	52.00, -14.93, 56.91
CIElCh	52, 58.833, 104.701
Yxy	20.1443, 0.4144, 0.5100
Android (android.graphics.Color)	4286415104 (0xFF7D8100)
YUV	113.0980, -55.7573, 10.4381
Hunter-Lab	44.8824, -13.4510, 27.4689

Details

The CIELCh color **52, 58.833, 104.701** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13, 80.658, 306.429**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 58.759, 104.825**, and **32, 42.048, 108.455** is the 20% darker color. If you saturate the color by 10%, you get **52, 58.596, 104.738**, and if you desaturate by 10%, it is **52, 56.219, 104.895**.

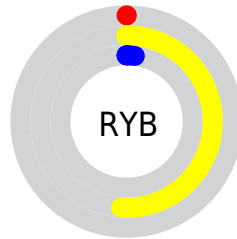
Distribution



Red (49%)

Green (51%)

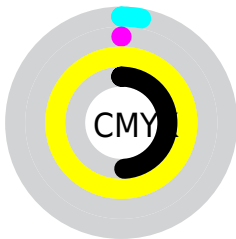
Blue (0%)



Red (0%)

Yellow (51%)

Blue (2%)

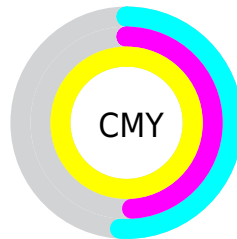


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (51%)


Magenta (49%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 58.833, 104.701 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, 58.833, 104.701 by changing the saturation by 10% instead.


 52, 58.833,
104.701


 52, 58.833,
104.701


 100, 58.833,
104.701


 42, 58.833,
104.701


 72, 58.833,
104.701

 32, 58.833,
104.701

 82, 58.833,
104.701

 22, 58.833,
104.701

 92, 58.833,
104.701

 12, 58.833,
104.701

 2, 58.833, 104.701

 0, 58.833, 104.701

■ 52, 58.833,
104.701

■ 52, 58.833,
104.701

■ 52, 58.596,
104.738

■ 52, 56.219,
104.895

■ 52, 52.845,
105.194

■ 52, 48.150,
105.686

■ 52, 42.453,
106.329

■ 53, 36.064,
107.081

■ 53, 29.224,
107.903

■ 53, 22.102,
108.768

■ 53, 14.811,

109.651

■ 54, 7.425, 110.534

Harmonies

Complementary

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



52, 58.833, 104.701



13, 80.658, 306.429

Rectangle

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



52, 58.833, 104.701



52, 58.833, 154.701



52, 58.833, 284.701



52, 58.833, 334.701

Sweetspot

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



52, 58.596, 104.738



68, 27.408, 108.707



26, 61.575, 38.785



35, 18.564, 108.401



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, 58.596, 104.738



66, 71.052, 104.781



48, 65.940, 128.093



27, 4.138, 110.614



51, 58.016, 104.735



0, 0.000, 0.000

Inverse Universe

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



13, 80.658, 306.429



20, 97.861, 306.391



19, 74.890, 312.623



24, 4.224, 292.265



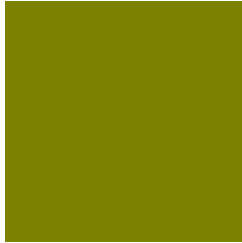
13, 79.857, 306.431



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 58.833, 104.701 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, 58.833, 104.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

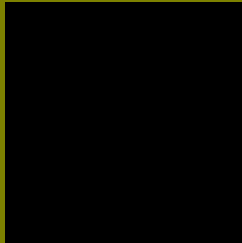
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 58.833, 104.701

Background



This preview shows how black text looks on a background with the CIELCh color 52, 58.833, 104.701.



This preview shows how white text looks on a background with the CIELCh color 52, 58.833, 104.701.

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, 58.507, 104.714

Protanopia

52, 57.383, 95.102

Deuteranopia

52, 54.270, 82.968



Tritanopia
52, 8.073, 334.364

Trichromacy



Original Color
52, 58.507, 104.714

Protanomaly
52, 57.642, 98.545

Deuteranomaly
52, 54.883, 91.452

Tritanomaly
51, 23.244, 98.316

Monochromacy



Original Color
52, 58.507, 104.714

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 26.991, 108.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 58.833, 104.701 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(125, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 129, 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(125, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 129, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 58.833, 104.701 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(125, 129, 0) }
```

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

```
.border{ border-color:rgb(125, 129, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 129, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(125, 129,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 58.833, 104.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 129, 0) }
```

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

```
.background{ background-color: rgb(125,  
129, 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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