

Converting Colors

CIELCh(52, 58.541, 93.136)

Have a look what the booklet for
CIELCh(52, 58.541, 93.136) contains.

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Color

CIELCh(52, 57.485, 92.650)

Conversions

Conversions Part 1	
Format	Color
Hex	907B00
RGB	144, 123, 0
RGB Percent	56%, 48%, 0%
CMY	0.4347, 0.5171, 0.9990
CMYK	0.00, 0.15, 1.00, 0.43
HSL	51°, 100%, 28%
HSV	51°, 100%, 57%
XYZ	18.6304, 20.1443, 2.9131
YIQ	115.2570, 51.9990, -33.8010

Conversions

Conversions Part 2

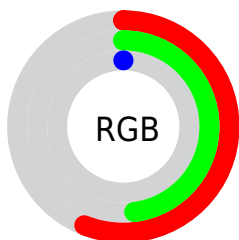
Format	Color
RYB	25, 144, 0
Decimal	9468672
CIELab	52.00, -2.66, 57.42
CIELCh	52, 57.485, 92.650
Yxy	20.1443, 0.4469, 0.4832
Android (android.graphics.Color)	4287658752 (0xFF907B00)
YUV	115.2570, -56.8217, 25.2076
Hunter-Lab	44.8824, -4.4499, 27.5694

Details

The CIELCh color **52, 57.485, 92.650** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **18, 79.331, 303.522**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 57.375, 92.389**, and **32, 40.750, 92.390** is the 20% darker color. If you saturate the color by 10%, you get **52, 57.524, 92.635**, and if you desaturate by 10%, it is **53, 55.237, 93.704**.

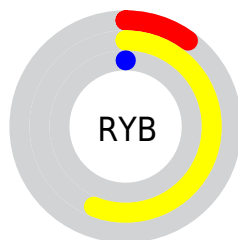
Distribution



Red (56%)

Green (48%)

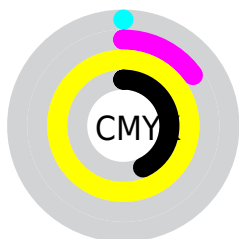
Blue (0%)



Red (10%)

Yellow (56%)

Blue (0%)

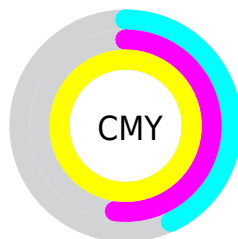


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (43%)



Cyan (43%)

Magenta (52%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 57.485, 92.650 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, 57.485, 92.650 by changing the saturation by 10% instead.

 52, 57.485, 92.650

 52, 57.485, 92.650

 100, 57.485,
92.650

 42, 57.485, 92.650

 72, 57.485, 92.650

 32, 57.485, 92.650

 82, 57.485, 92.650

 22, 57.485, 92.650

 92, 57.485, 92.650

 12, 57.485, 92.650

 2, 57.485, 92.650

 0, 57.485, 92.650

 52, 57.485, 92.650

 52, 57.485, 92.650

 52, 57.524, 92.635

 53, 55.237, 93.704

 53, 51.742, 94.759

■ 54, 46.850, 95.827

■ 55, 41.006, 96.915

■ 55, 34.579, 98.021

■ 56, 27.821, 99.135

■ 57, 20.892,
100.246

■ 58, 13.890,
101.344

■ 59, 6.872, 102.416

Harmonies

Complementary

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



52, 57.485, 92.650



18, 79.331, 303.522

Rectangle

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



52, 57.485, 92.650



52, 57.485, 142.650



52, 57.485, 272.650



52, 57.485, 322.650

Sweetspot

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



52, 57.484, 92.652



72, 25.882, 100.160



29, 62.040, 31.782



38, 17.784, 99.740



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 57.484, 92.652



66, 69.332, 92.399



54, 67.692, 121.887



30, 3.916, 102.485



49, 54.915, 92.703



2, 2.648, 103.460

Inverse Universe

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



18, 79.331, 303.522



25, 97.363, 303.992



19, 83.853, 309.231



28, 3.973, 284.494



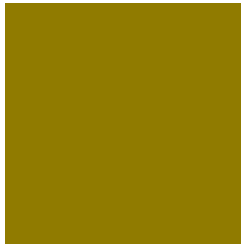
17, 75.457, 303.418



0, 2.649, 283.464

Previews

White Background



This preview shows how the CIELCh color 52, 57.485, 92.650 looks on a white background.

Color Contrast Check

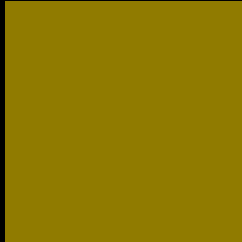
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.485, 92.650 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, 57.485, 92.650

Background



This preview shows how black text looks on a background with the CIELCh color 52, 57.485, 92.650.

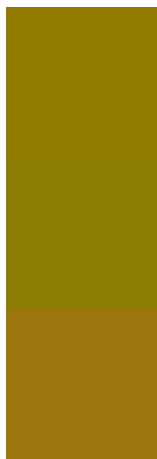


This preview shows how white text looks on a background with the CIELCh color 52, 57.485, 92.650.

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, 57.485, 92.650

Protanopia

52, 56.877, 95.635

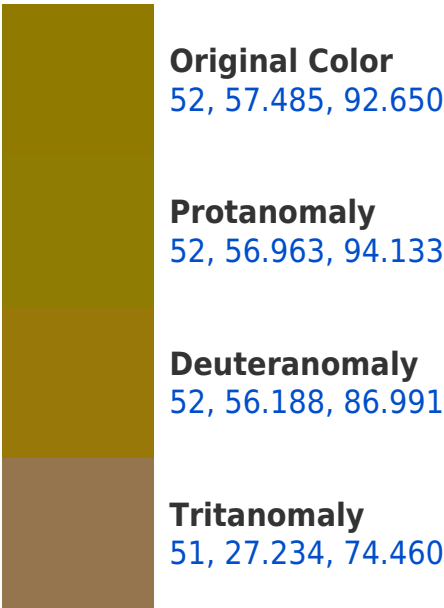
Deuteranopia

52, 55.749, 83.298



Tritanopia
52, 16.037, 2.539

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 57.485, 92.650 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(144, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 123, 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(144, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 123, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 57.485, 92.650 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(144, 123, 0) }
```

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

```
.border{ border-color:rgb(144, 123, 0) }
```

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

Here you see how a box with a 4 pixel rgb(144, 123, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(144, 123,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 57.485, 92.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 123, 0) }
```

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

```
.background{ background-color: rgb(144,  
123, 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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