

Converting Colors

CIELCh(52, 57.534, 95.003)

Have a look what the booklet for
CIELCh(52, 57.534, 95.003) contains.

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Color

CIELCh(52, 57.458, 94.623)

Conversions

Conversions Part 1

Format	Color
Hex	8D7C00
RGB	141, 124, 0
RGB Percent	55%, 49%, 0%
CMY	0.4462, 0.5130, 0.9987
CMYK	0.00, 0.12, 1.00, 0.45
HSL	53°, 100%, 28%
HSV	53°, 100%, 55%
XYZ	18.2533, 20.1443, 2.9355
YIQ	114.9470, 49.9360, -34.9600

Conversions

Conversions Part 2

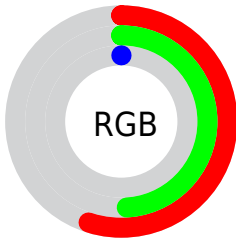
Format	Color
R_{YB}	19, 141, 0
Decimal	9272320
CIE Lab	52.00, -4.63, 57.27
CIE LCh	52, 57.458, 94.623
Yxy	20.1443, 0.4416, 0.4874
Android (android.graphics.Color)	4287462400 (0xFF8D7C00)
YUV	114.9470, -56.6689, 22.8485
Hunter-Lab	44.8824, -5.9499, 27.5399

Details

The CIELCh color **52, 57.458, 94.623** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **17, 79.700, 304.100**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 57.287, 94.649**, and **32, 40.813, 94.688** is the 20% darker color. If you saturate the color by 10%, you get **52, 57.512, 94.605**, and if you desaturate by 10%, it is **53, 55.216, 95.523**.

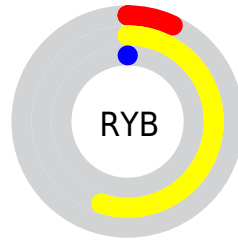
Distribution



Red (55%)

Green (49%)

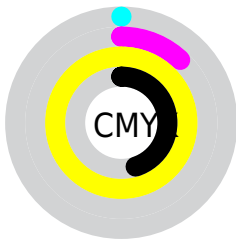
Blue (0%)



Red (7%)

Yellow (55%)

Blue (0%)

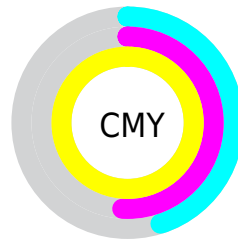


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 57.458, 94.623 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, 57.458, 94.623 by changing the saturation by 10% instead.

 52, 57.458, 94.623

 52, 57.458, 94.623

 100, 57.458,
94.623

 42, 57.458, 94.623

 72, 57.458, 94.623

 32, 57.458, 94.623

 82, 57.458, 94.623

 22, 57.458, 94.623

 92, 57.458, 94.623

 12, 57.458, 94.623

 2, 57.458, 94.623

 0, 57.458, 94.623

 52, 57.458, 94.623

 52, 57.458, 94.623

 52, 57.512, 94.605

 53, 55.216, 95.523

 53, 51.761, 96.454

■ 54, 46.920, 97.431

■ 54, 41.118, 98.450

■ 55, 34.712, 99.502

■ 56, 27.953,
100.573

■ 56, 21.003,
101.648

■ 57, 13.962,
102.715

■ 58, 6.891, 103.760

Harmonies

Complementary

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



52, 57.458, 94.623



17, 79.700, 304.100

Rectangle

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



52, 57.458, 94.623



52, 57.458, 144.623



52, 57.458, 274.623



52, 57.458, 324.623

Sweetspot

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



52, 57.457, 94.625



72, 26.221, 101.554



29, 61.683, 32.743



37, 17.806, 101.157



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 57.457, 94.625



66, 69.657, 94.409



53, 66.999, 122.582



30, 4.020, 103.819



50, 55.725, 94.642



2, 2.720, 104.772

Inverse Universe

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



17, 79.700, 304.100



24, 98.235, 304.544



19, 82.285, 309.518



28, 4.084, 285.785



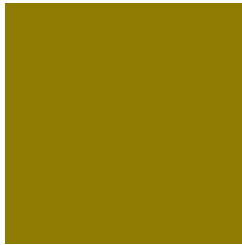
16, 77.118, 304.054



0, 2.721, 284.775

Previews

White Background



This preview shows how the CIELCh color 52, 57.458, 94.623 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, 57.458, 94.623 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, 57.458, 94.623

Background



This preview shows how black text looks on a background with the CIELCh color 52, 57.458, 94.623.

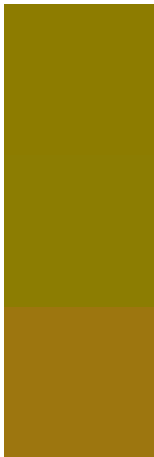


This preview shows how white text looks on a background with the CIELCh color 52, 57.458, 94.623.

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, 57.458, 94.623

Protanopia

52, 57.254, 95.635

Deuteranopia

52, 55.525, 83.250



Tritanopia
52, 14.446, 0.123

Trichromacy



Original Color
52, 57.458, 94.623

Protanomaly
52, 57.445, 95.635

Deuteranomaly
52, 55.852, 87.437

Tritanomaly
51, 26.157, 77.816

Monochromacy



Original Color
52, 57.458, 94.623

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 26.111, 99.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 57.458, 94.623 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(141, 124, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 124, 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(141, 124, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 124, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 57.458, 94.623 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(141, 124, 0) }
```

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

```
.border{ border-color:rgb(141, 124, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 124, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 124, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 124, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 124,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 57.458, 94.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 124, 0) }
```

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

```
.background{ background-color: rgb(141,  
124, 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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