

Converting Colors

CIELCh(52, 59.474, 80.083)

Have a look what the booklet for
CIELCh(52, 59.474, 80.083) contains.

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Color

CIELCh(52, 59.426, 80.124)

Conversions

Conversions Part 1

Format	Color
Hex	A37400
RGB	163, 116, 0
RGB Percent	64%, 45%, 0%
CMY	0.3625, 0.5465, 1.0000
CMYK	0.00, 0.29, 1.00, 0.36
HSL	43°, 100%, 32%
HSV	43°, 100%, 64%
XYZ	21.2143, 20.1443, 2.7523
YIQ	116.8290, 65.2480, -26.1120

Conversions

Conversions Part 2

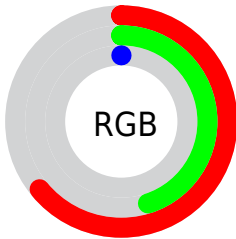
Format	Color
RYB	66, 163, 0
Decimal	10712064
CIELab	52.00, 10.19, 58.55
CIELCh	52, 59.426, 80.124
Yxy	20.1443, 0.4809, 0.4567
Android (android.graphics.Color)	4288902144 (0xFFFA37400)
YUV	116.8290, -57.5967, 40.4920
Hunter-Lab	44.8824, 5.8262, 27.7819

Details

The CIELCh color **52, 59.426, 80.124** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **26, 73.993, 298.575**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 59.414, 80.431**, and **32, 43.260, 74.954** is the 20% darker color. If you saturate the color by 10%, you get **52, 59.305, 80.097**, and if you desaturate by 10%, it is **53, 56.633, 82.070**.

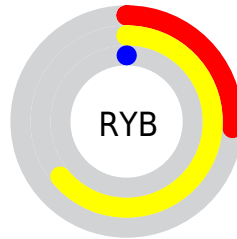
Distribution



Red (64%)

Green (45%)

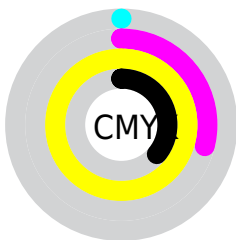
Blue (0%)



Red (26%)

Yellow (64%)

Blue (0%)

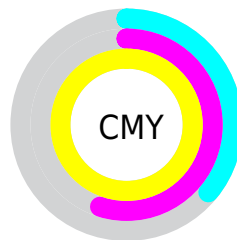


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 59.426, 80.124 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, 59.426, 80.124 by changing the saturation by 10% instead.

 52, 59.426, 80.124

 52, 59.426, 80.124

 100, 59.426,
80.124

 42, 59.426, 80.124

 72, 59.426, 80.124

 32, 59.426, 80.124

 82, 59.426, 80.124

 22, 59.426, 80.124

 92, 59.426, 80.124

 12, 59.426, 80.124

 2, 59.426, 80.124

 0, 59.426, 80.124

 52, 59.426, 80.124

 52, 59.426, 80.124

 52, 59.305, 80.097

 53, 56.633, 82.070

 55, 52.540, 83.829

■ 56, 47.053, 85.382

■ 57, 40.749, 86.823

■ 59, 34.035, 88.202

■ 60, 27.159, 89.539

■ 62, 20.259, 90.839

■ 64, 13.410, 92.102

■ 65, 6.649, 93.317

Harmonies

Complementary

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



52, 59.426, 80.124



26, 73.993, 298.575

Rectangle

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



52, 59.426, 80.124



52, 59.426, 130.124



52, 59.426, 260.124



52, 59.426, 310.124

Sweetspot

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



52, 59.305, 80.097



79, 25.123, 90.767



34, 62.418, 20.505



41, 17.318, 90.248



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



52, 59.305, 80.097



66, 72.086, 79.596



62, 70.984, 114.600



34, 3.771, 93.403



47, 54.664, 80.345



4, 5.511, 90.172

Inverse Universe

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



26, 73.993, 298.575



34, 91.756, 299.203



20, 94.024, 307.324



32, 3.787, 275.714



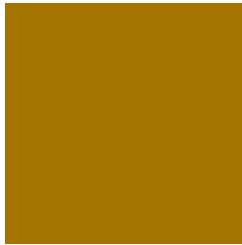
23, 67.510, 298.252



1, 6.022, 276.453

Previews

White Background



This preview shows how the CIELCh color 52, 59.426, 80.124 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, 59.426, 80.124 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, 59.426, 80.124

Background



This preview shows how black text looks on a background with the CIELCh color 52, 59.426, 80.124.



This preview shows how white text looks on a background with the CIELCh color 52, 59.426, 80.124.

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, 59.426, 80.124

Protanopia

52, 55.773, 95.634

Deuteranopia

52, 58.437, 83.838



Tritanopia
52, 26.088, 11.460

Trichromacy



Original Color
52, 59.426, 80.124

Protanomaly
52, 56.568, 90.109

Deuteranomaly
52, 58.700, 82.392

Tritanomaly
52, 34.302, 57.793

Monochromacy



Original Color
52, 59.426, 80.124

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 25.607, 89.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 59.426, 80.124 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(163, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(163, 116, 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(163, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 116, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 59.426, 80.124 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(163, 116, 0) }
```

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

```
.border{ border-color:rgb(163, 116, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 116, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(163, 116,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 59.426, 80.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 116, 0) }
```

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

```
.background{ background-color: rgb(163,  
116, 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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