

Converting Colors

CIELCh(44, 52.917, 77.435)

Have a look what the booklet for
CIELCh(44, 52.917, 77.435) contains.

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Color

CIELCh(44, 52.917, 77.434)

Conversions

Conversions Part 1

Format	Color
Hex	8C5F00
RGB	140, 95, 0
RGB Percent	55%, 37%, 0%
CMY	0.4497, 0.6264, 0.9985
CMYK	0.00, 0.32, 1.00, 0.45
HSL	41°, 99%, 28%
HSV	41°, 100%, 55%
XYZ	14.9887, 13.8382, 1.8916
YIQ	97.6250, 57.3150, -20.0050

Conversions

Conversions Part 2

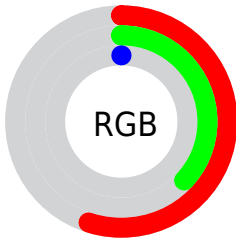
Format	Color
R_{YB}	66, 140, 0
Decimal	9199360
CIE Lab	44.00, 11.51, 51.65
CIE LCh	44, 52.917, 77.434
Yxy	13.8382, 0.4879, 0.4505
Android (android.graphics.Color)	4287389440 (0xFF8C5F00)
YUV	97.6250, -48.1291, 37.1629
Hunter-Lab	37.1997, 6.8225, 23.0249

Details

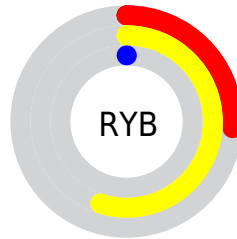
The CIELCh color **44, 52.917, 77.434** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **23, 62.203, 296.333**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 53.014, 77.338**, and **24, 35.696, 70.222** is the 20% darker color. If you saturate the color by 10%, you get **44, 53.003, 77.388**, and if you desaturate by 10%, it is **45, 49.939, 79.433**.

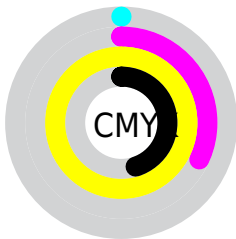
Distribution



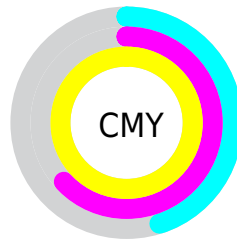
- Red (55%)
- Green (37%)
- Blue (0%)



- Red (26%)
- Yellow (55%)
- Blue (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (100%)
- Black (45%)



- Cyan (45%)
- Magenta (63%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 52.917, 77.434 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 44, 52.917, 77.434 by changing the saturation by 10% instead.

44, 52.917, 77.434

44, 52.917, 77.434

100, 52.917,
77.434

34, 52.917, 77.434

64, 52.917, 77.434

24, 52.917, 77.434

74, 52.917, 77.434

14, 52.917, 77.434

84, 52.917, 77.434

4, 52.917, 77.434

94, 52.917, 77.434

0, 52.917, 77.434

44, 52.917, 77.434

44, 52.917, 77.434

44, 53.003, 77.388

45, 49.939, 79.433

47, 45.960, 81.247

■ 48, 40.893, 82.835

■ 49, 35.228, 84.299

■ 51, 29.291, 85.692

■ 52, 23.274, 87.040

■ 54, 17.281, 88.348

■ 55, 11.364, 89.618

■ 57, 5.548, 90.837

Harmonies

Complementary

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



44, 52.917, 77.434



23, 62.203, 296.333

Rectangle

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



44, 52.917, 77.434



44, 52.917, 127.434



44, 52.917, 257.434



44, 52.917, 307.434

Sweetspot

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



44, 52.916, 77.437



69, 21.729, 88.229



29, 55.037, 16.554



35, 14.817, 87.749



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



44, 52.916, 77.437



57, 64.545, 76.739



55, 63.182, 112.629



29, 3.262, 90.901



42, 51.584, 77.491



1, 2.192, 92.027

Inverse Universe

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



23, 62.203, 296.333



31, 77.779, 297.212



16, 84.508, 307.111



28, 3.266, 273.216



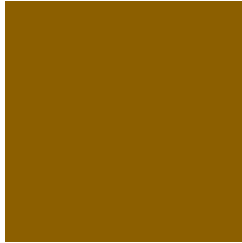
22, 60.481, 296.282



1, 2.192, 272.034

Previews

White Background



This preview shows how the CIELCh color 44, 52.917, 77.434 looks on a white 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

Black Background



This preview shows how the CIE LCh color 44, 52.917, 77.434 looks on a black 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

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

CIELCh 44, 52.917, 77.434

Background



This preview shows how black text looks on a background with the CIELCh color 44, 52.917, 77.434.



This preview shows how white text looks on a background with the CIELCh color 44, 52.917, 77.434.

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

44, 52.917, 77.434

Protanopia

44, 48.783, 95.540

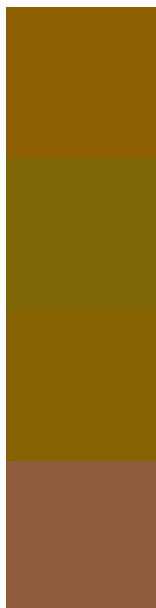
Deuteranopia

44, 51.534, 84.038



Tritanopia
44, 24.261, 14.624

Trichromacy



Original Color
44, 52.917, 77.434

Protanomaly
44, 49.400, 88.361

Deuteranomaly
44, 52.006, 81.843

Tritanomaly
44, 31.663, 55.208

Monochromacy



Original Color
44, 52.917, 77.434

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 22.336, 87.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 52.917, 77.434 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(140, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 95, 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(140, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 95, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 52.917, 77.434 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(140, 95, 0) }
```

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

```
.border{ border-color:rgb(140, 95, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 95, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 95, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 52.917, 77.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 95, 0) }
```

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

```
.background{ background-color: rgb(140, 95,  
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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