

Converting Colors

CIELCh(44, 52.455, 79.461)

Have a look what the booklet for
CIELCh(44, 52.455, 79.461) contains.

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Color

CIELCh(44, 52.496, 79.040)

Conversions

Conversions Part 1

Format	Color
Hex	8A6000
RGB	138, 96, 0
RGB Percent	54%, 38%, 0%
CMY	0.4577, 0.6226, 0.9987
CMYK	0.00, 0.30, 1.00, 0.46
HSL	42°, 100%, 27%
HSV	42°, 100%, 54%
XYZ	14.7351, 13.8382, 1.9038
YIQ	97.6140, 55.8480, -20.9520

Conversions

Conversions Part 2

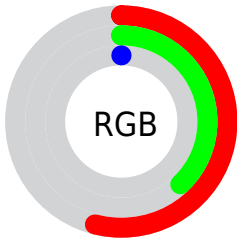
Format	Color
RYB	60, 138, 0
Decimal	9068544
CIELab	44.00, 9.98, 51.54
CIELCh	44, 52.496, 79.040
Yxy	13.8382, 0.4835, 0.4541
Android (android.graphics.Color)	4287258624 (0xFF8A6000)
YUV	97.6140, -48.1237, 35.4185
Hunter-Lab	37.1997, 5.6057, 23.0055

Details

The CIELCh color **44, 52.496, 79.040** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **22, 63.116, 297.214**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 52.686, 78.834**, and **24, 35.396, 72.011** is the 20% darker color. If you saturate the color by 10%, you get **44, 52.571, 79.000**, and if you desaturate by 10%, it is **45, 49.619, 80.956**.

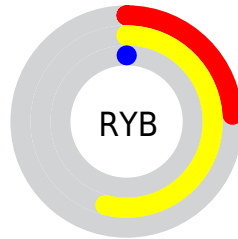
Distribution



Red (54%)

Green (38%)

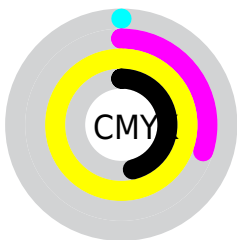
Blue (0%)



Red (24%)

Yellow (54%)

Blue (0%)

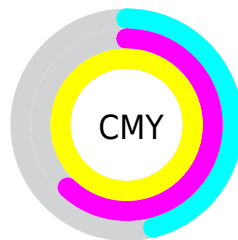


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 52.496, 79.040 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, 52.496, 79.040 by changing the saturation by 10% instead.

■ 44, 52.496, 79.040

■ 44, 52.496, 79.040

■ 100, 52.496,
79.040

■ 34, 52.496, 79.040

■ 64, 52.496, 79.040

■ 24, 52.496, 79.040

■ 74, 52.496, 79.040

■ 14, 52.496, 79.040

■ 84, 52.496, 79.040

■ 4, 52.496, 79.040

■ 94, 52.496, 79.040

■ 0, 52.496, 79.040

■ 44, 52.496, 79.040

■ 44, 52.496, 79.040

■ 44, 52.571, 79.000

■ 45, 49.619, 80.956

■ 46, 45.757, 82.711

■ 48, 40.793, 84.261

■ 49, 35.205, 85.699

■ 50, 29.321, 87.074

■ 52, 23.333, 88.405

■ 53, 17.350, 89.699

■ 55, 11.427, 90.955

■ 56, 5.592, 92.162

Harmonies

Complementary

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



44, 52.496, 79.040



22, 63.116, 297.214

Rectangle

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



44, 52.496, 79.040



44, 52.496, 129.040



44, 52.496, 259.040



44, 52.496, 309.040

Sweetspot

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



44, 52.495, 79.043



67, 21.556, 89.587



28, 54.767, 18.015



34, 14.687, 89.120



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



44, 52.495, 79.043



56, 63.346, 78.409



54, 62.729, 113.536



28, 3.220, 92.233



42, 51.006, 79.110



1, 1.488, 93.340

Inverse Universe

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



22, 63.116, 297.214



29, 78.015, 298.031



16, 83.450, 307.257



27, 3.229, 274.508



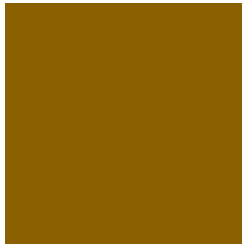
21, 61.130, 297.140



0, 1.488, 273.347

Previews

White Background



This preview shows how the CIELCh color 44, 52.496, 79.040 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, 52.496, 79.040 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, 52.496, 79.040

Background



This preview shows how black text looks on a background with the CIELCh color 44, 52.496, 79.040.



This preview shows how white text looks on a background with the CIELCh color 44, 52.496, 79.040.

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, 52.496, 79.040

Protanopia

44, 48.783, 95.540

Deuteranopia

44, 51.534, 84.038



Tritanopia
44, 23.822, 12.981

Trichromacy



Original Color
44, 52.496, 79.040

Protanomaly
44, 49.463, 89.598

Deuteranomaly
44, 51.803, 82.346

Tritanomaly
44, 30.798, 57.375

Monochromacy



Original Color
44, 52.496, 79.040

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, 52.496, 79.040 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(138, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 96, 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(138, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 96, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 52.496, 79.040 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(138, 96, 0) }
```

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

```
.border{ border-color:rgb(138, 96, 0) }
```

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

Here you see how a box with a 4 pixel rgb(138, 96, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 96, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 52.496, 79.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 96, 0) }
```

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

```
.background{ background-color: rgb(138, 96,  
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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