

Converting Colors

CIELCh(41, 49.587, 79.173)

Have a look what the booklet for
CIELCh(41, 49.587, 79.173) contains.

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Color

CIELCh(41, 49.756, 79.318)

Conversions

Conversions Part 1

Format	Color
Hex	805A00
RGB	128, 90, 0
RGB Percent	50%, 35%, 0%
CMY	0.4962, 0.6488, 0.9982
CMYK	0.00, 0.30, 1.00, 0.50
HSL	42°, 99%, 25%
HSV	42°, 100%, 50%
XYZ	12.5951, 11.8645, 1.6390
YIQ	91.1020, 51.5380, -19.9340

Conversions

Conversions Part 2

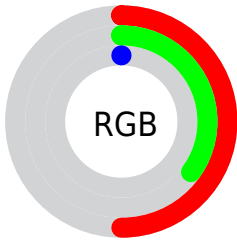
Format	Color
R _Y B	54, 128, 0
Decimal	8411648
CIE Lab	41.00, 9.22, 48.89
CIE LCh	41, 49.756, 79.318
Yxy	11.8645, 0.4826, 0.4546
Android (android.graphics.Color)	4286601728 (0xFF805A00)
YUV	91.1020, -44.9133, 32.3595
Hunter-Lab	34.4449, 4.9914, 21.2902

Details

The CIELCh color **41, 49.756, 79.318** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **20, 59.400, 296.968**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 49.646, 80.004**, and **21, 31.860, 72.651** is the 20% darker color. If you saturate the color by 10%, you get **41, 49.869, 79.262**, and if you desaturate by 10%, it is **42, 46.835, 81.159**.

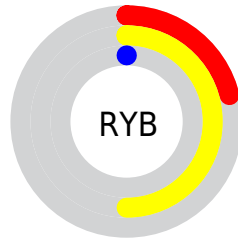
Distribution



Red (50%)

Green (35%)

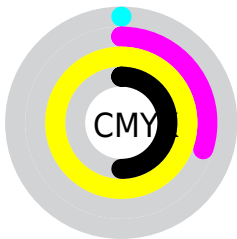
Blue (0%)



Red (21%)

Yellow (50%)

Blue (0%)

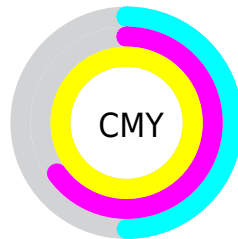


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 49.756, 79.318 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 41, 49.756, 79.318 by changing the saturation by 10% instead.

■ 41, 49.756, 79.318

■ 41, 49.756, 79.318

■ 100, 49.756,
79.318

■ 31, 49.756, 79.318

■ 61, 49.756, 79.318

■ 21, 49.756, 79.318

■ 71, 49.756, 79.318

■ 11, 49.756, 79.318

■ 81, 49.756, 79.318

■ 1, 49.756, 79.318

■ 91, 49.756, 79.318

■ 0, 49.756, 79.318

■ 41, 49.756, 79.318

■ 41, 49.756, 79.318

■ 41, 49.869, 79.262

■ 42, 46.835, 81.159

■ 43, 43.112, 82.881

■ 44, 38.390, 84.410

■ 46, 33.107, 85.832

■ 47, 27.558, 87.194

■ 48, 21.917, 88.513

■ 50, 16.282, 89.797

■ 51, 10.705, 91.042

■ 52, 5.209, 92.239

Harmonies

Complementary

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



41, 49.756, 79.318



20, 59.400, 296.968

Rectangle

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



41, 49.756, 79.318



41, 49.756, 129.318



41, 49.756, 259.318



41, 49.756, 309.318

Sweetspot

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



41, 49.755, 79.321



63, 20.303, 89.667



26, 51.796, 17.535



32, 13.995, 89.214



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



41, 49.755, 79.321



52, 59.989, 78.637



50, 59.427, 113.464



26, 3.021, 92.304



41, 49.598, 79.283



0, 0.000, 0.000

Inverse Universe

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



20, 59.400, 296.968



27, 73.508, 297.872



14, 78.992, 307.292



25, 3.030, 274.548



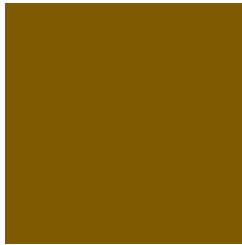
20, 59.251, 297.039



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 49.756, 79.318 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 CIELCh color 41, 49.756, 79.318 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 41, 49.756, 79.318

Background



This preview shows how black text looks on a background with the CIELCh color 41, 49.756, 79.318.



This preview shows how white text looks on a background with the CIELCh color 41, 49.756, 79.318.

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

41, 49.802, 79.917

Protanopia

41, 46.113, 94.996

Deuteranopia

41, 48.973, 84.014



Tritanopia
41, 21.883, 13.385

Trichromacy



Original Color
41, 49.802, 79.917

Protanomaly
41, 46.952, 88.651

Deuteranomaly
41, 49.248, 82.212

Tritanomaly
41, 28.850, 56.522

Monochromacy



Original Color
41, 49.802, 79.917

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 20.758, 86.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 49.756, 79.318 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(128, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(128, 90, 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(128, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 90, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 49.756, 79.318 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(128, 90, 0) }
```

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

```
.border{ border-color:rgb(128, 90, 0) }
```

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

Here you see how a box with a 4 pixel rgb(128, 90, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(128, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 49.756, 79.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 90, 0) }
```

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

```
.background{ background-color: rgb(128, 90,  
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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