

Converting Colors

CIELCh(41, 50.825, 76.548)

Have a look what the booklet for
CIELCh(41, 50.825, 76.548) contains.

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Color

CIELCh(41, 50.656, 76.506)

Conversions

Conversions Part 1

Format	Color
Hex	845800
RGB	132, 88, 0
RGB Percent	52%, 35%, 0%
CMY	0.4827, 0.6552, 1.0000
CMYK	0.00, 0.33, 1.00, 0.48
HSL	40°, 100%, 26%
HSV	40°, 100%, 52%
XYZ	12.9841, 11.8645, 1.6030
YIQ	91.1240, 54.4720, -18.0400

Conversions

Conversions Part 2

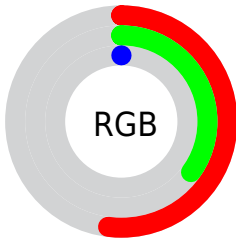
Format	Color
RYB	66, 132, 0
Decimal	8673280
CIELab	41.00, 11.82, 49.26
CIElCh	41, 50.656, 76.506
Yxy	11.8645, 0.4909, 0.4485
Android (android.graphics.Color)	4286863360 (0xFF845800)
YUV	91.1240, -44.9241, 35.8483
Hunter-Lab	34.4449, 7.0071, 21.3521

Details

The CIELCh color **41, 50.656, 76.506** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **22, 58.206, 295.539**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 50.957, 76.541**, and **21, 32.843, 67.913** is the 20% darker color. If you saturate the color by 10%, you get **41, 50.630, 76.500**, and if you desaturate by 10%, it is **42, 47.533, 78.460**.

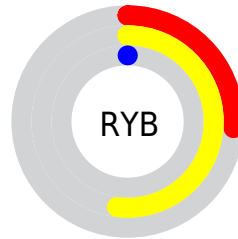
Distribution



Red (52%)

Green (35%)

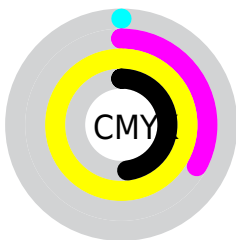
Blue (0%)



Red (26%)

Yellow (52%)

Blue (0%)

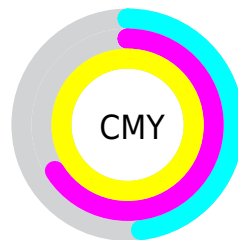


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 50.656, 76.506 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, 50.656, 76.506 by changing the saturation by 10% instead.

41, 50.656, 76.506

41, 50.656, 76.506

100, 50.656,
76.506

31, 50.656, 76.506

61, 50.656, 76.506

21, 50.656, 76.506

71, 50.656, 76.506

11, 50.656, 76.506

81, 50.656, 76.506

1, 50.656, 76.506

91, 50.656, 76.506

0, 50.656, 76.506

41, 50.656, 76.506

41, 50.656, 76.506

41, 50.630, 76.500

42, 47.533, 78.460

43, 43.665, 80.290

■ 45, 38.801, 81.884

■ 46, 33.401, 83.351

■ 48, 27.766, 84.746

■ 49, 22.071, 86.093

■ 50, 16.411, 87.402

■ 52, 10.832, 88.671

■ 54, 5.358, 89.891

Harmonies

Complementary

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



41, 50.656, 76.506



22, 58.206, 295.539

Rectangle

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



41, 50.656, 76.506



41, 50.656, 126.506



41, 50.656, 256.506



41, 50.656, 306.506

Sweetspot

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



41, 50.630, 76.500



64, 20.286, 87.315



27, 52.374, 14.771



33, 13.994, 86.846



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



41, 50.630, 76.500



53, 61.144, 75.814



52, 60.274, 111.656



27, 3.031, 89.993



40, 50.116, 76.541



0, 0.722, 91.114

Inverse Universe

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



22, 58.206, 295.539



29, 72.009, 296.382



14, 81.054, 307.048



26, 3.032, 272.296



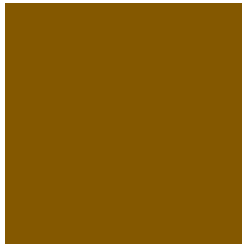
21, 57.529, 295.486



0, 0.722, 271.121

Previews

White Background



This preview shows how the CIELCh color 41, 50.656, 76.506 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, 50.656, 76.506 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, 50.656, 76.506

Background



This preview shows how black text looks on a background with the CIELCh color 41, 50.656, 76.506.



This preview shows how white text looks on a background with the CIELCh color 41, 50.656, 76.506.

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, 50.656, 76.506

Protanopia

41, 45.862, 94.991

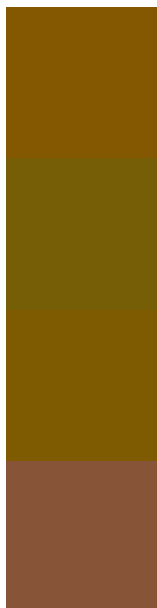
Deuteranopia

41, 48.973, 84.014



Tritanopia
41, 24.143, 14.683

Trichromacy



Original Color
41, 50.656, 76.506

Protanomaly
41, 46.838, 88.018

Deuteranomaly
41, 49.454, 81.677

Tritanomaly
41, 30.988, 54.053

Monochromacy



Original Color
41, 50.656, 76.506

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 20.945, 85.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 50.656, 76.506 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(132, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(132, 88, 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(132, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 88, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 50.656, 76.506 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(132, 88, 0) }
```

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

```
.border{ border-color:rgb(132, 88, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 88, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(132, 88, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 50.656, 76.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 88, 0) }
```

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

```
.background{ background-color: rgb(132, 88,  
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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