

Converting Colors

CIELCh(41, 49.249, 82.316)

Have a look what the booklet for
CIELCh(41, 49.249, 82.316) contains.

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Color

CIELCh(41, 49.248, 82.212)

Conversions

Conversions Part 1

Format	Color
Hex	7D5B00
RGB	125, 91, 0
RGB Percent	49%, 36%, 0%
CMY	0.5094, 0.6428, 0.9996
CMYK	0.00, 0.27, 1.00, 0.51
HSL	44°, 100%, 25%
HSV	44°, 100%, 49%
XYZ	12.2210, 11.8645, 1.6490
YIQ	90.7920, 49.4750, -21.0930

Conversions

Conversions Part 2

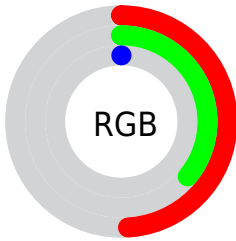
Format	Color
RYB	47, 125, 0
Decimal	8215296
CIELab	41.00, 6.67, 48.79
CIElCh	41, 49.248, 82.212
Yxy	11.8645, 0.4749, 0.4610
Android (android.graphics.Color)	4286405376 (0xFF7D5B00)
YUV	90.7920, -44.7605, 30.0004
Hunter-Lab	34.4449, 3.0528, 21.2731

Details

The CIELCh color **41, 49.248, 82.212** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **19, 61.058, 298.537**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 49.189, 82.122**, and **21, 30.988, 76.447** is the 20% darker color. If you saturate the color by 10%, you get **41, 49.274, 82.201**, and if you desaturate by 10%, it is **42, 46.471, 83.893**.

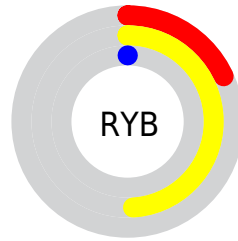
Distribution



Red (49%)

Green (36%)

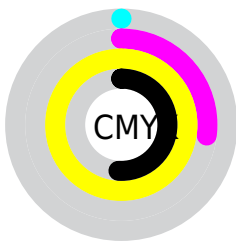
Blue (0%)



Red (18%)

Yellow (49%)

Blue (0%)

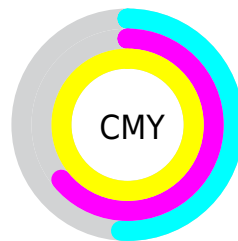


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 49.248, 82.212 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, 49.248, 82.212 by changing the saturation by 10% instead.

■ 41, 49.248, 82.212

■ 41, 49.248, 82.212

■ 100, 49.248,
82.212

■ 31, 49.248, 82.212

■ 61, 49.248, 82.212

■ 21, 49.248, 82.212

■ 71, 49.248, 82.212

■ 11, 49.248, 82.212

■ 81, 49.248, 82.212

■ 1, 49.248, 82.212

■ 91, 49.248, 82.212

■ 0, 49.248, 82.212

■ 41, 49.248, 82.212

■ 41, 49.248, 82.212

■ 41, 49.274, 82.201

■ 42, 46.471, 83.893

■ 43, 42.952, 85.497

■ 44, 38.402, 86.947

■ 45, 33.245, 88.315

■ 46, 27.775, 89.633

■ 47, 22.173, 90.916

■ 49, 16.545, 92.167

■ 50, 10.947, 93.383

■ 51, 5.410, 94.555

Harmonies

Complementary

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



41, 49.248, 82.212



19, 61.058, 298.537

Rectangle

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



41, 49.248, 82.212



41, 49.248, 132.212



41, 49.248, 262.212



41, 49.248, 312.212

Sweetspot

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



41, 49.247, 82.215



62, 20.633, 92.067



25, 51.547, 20.469



32, 14.029, 91.639



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



41, 49.247, 82.215



53, 59.702, 81.616



49, 58.794, 115.227



26, 3.122, 94.646



42, 49.946, 82.155



0, 0.000, 0.000

Inverse Universe

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



19, 61.058, 298.537



25, 75.991, 299.361



14, 77.276, 307.646



25, 3.140, 276.838



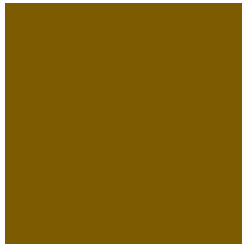
19, 62.077, 298.625



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 49.248, 82.212 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, 49.248, 82.212 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, 49.248, 82.212

Background



This preview shows how black text looks on a background with the CIELCh color 41, 49.248, 82.212.



This preview shows how white text looks on a background with the CIELCh color 41, 49.248, 82.212.

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, 49.248, 82.212

Protanopia

41, 46.367, 95.000

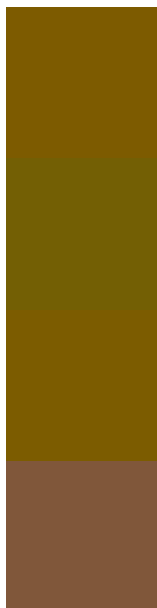
Deuteranopia

41, 48.973, 84.014



Tritanopia
41, 19.598, 11.852

Trichromacy



Original Color
41, 49.248, 82.212

Protanomaly
41, 47.159, 90.596

Deuteranomaly
41, 49.162, 83.466

Tritanomaly
41, 27.166, 60.257

Monochromacy



Original Color
41, 49.248, 82.212

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 20.799, 90.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 49.248, 82.212 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(125, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 91, 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(125, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 91, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 49.248, 82.212 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(125, 91, 0) }
```

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

```
.border{ border-color:rgb(125, 91, 0) }
```

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

Here you see how a box with a 4 pixel rgb(125, 91, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(125, 91, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 49.248, 82.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 91, 0) }
```

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

```
.background{ background-color: rgb(125, 91,  
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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