

Converting Colors

CIELCh(41, 58.989, 92.970)

Have a look what the booklet for
CIELCh(41, 58.989, 92.970) contains.

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Color

CIELCh(41, 48.243, 92.569)

Conversions

Conversions Part 1

Format	Color
Hex	716000
RGB	113, 96, 0
RGB Percent	44%, 38%, 0%
CMY	0.5571, 0.6237, 1.0000
CMYK	0.00, 0.15, 1.00, 0.56
HSL	51°, 100%, 22%
HSV	51°, 100%, 44%
XYZ	10.9817, 11.8645, 1.7096
YIQ	90.1390, 40.9480, -26.2520

Conversions

Conversions Part 2

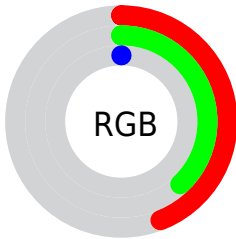
Format	Color
R_{YB}	20, 113, 0
Decimal	7430144
CIE Lab	41.00, -2.16, 48.19
CIE LCh	41, 48.243, 92.569
Yxy	11.8645, 0.4472, 0.4832
Android (android.graphics.Color)	4285620224 (0xFF716000)
YUV	90.1390, -44.4385, 20.0491
Hunter-Lab	34.4449, -3.3692, 21.1687

Details

The CIELCh color **41, 48.243, 92.569** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **13, 65.081, 302.854**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 48.246, 92.628**, and **21, 29.675, 91.533** is the 20% darker color. If you saturate the color by 10%, you get **41, 48.228, 92.571**, and if you desaturate by 10%, it is **42, 45.736, 93.596**.

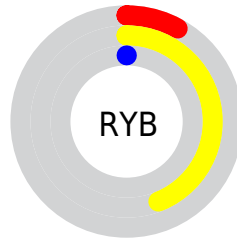
Distribution



Red (44%)

Green (38%)

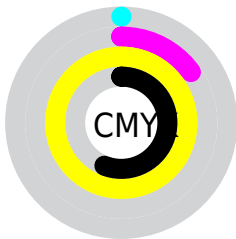
Blue (0%)



Red (8%)

Yellow (44%)

Blue (0%)

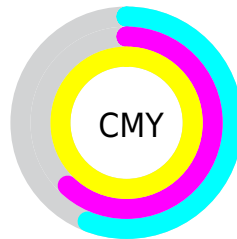


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 48.243, 92.569 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, 48.243, 92.569 by changing the saturation by 10% instead.

■ 41, 48.243, 92.569

■ 41, 48.243, 92.569

■ 100, 48.243,
92.569

■ 31, 48.243, 92.569

■ 61, 48.243, 92.569

■ 21, 48.243, 92.569

■ 71, 48.243, 92.569

■ 11, 48.243, 92.569

■ 81, 48.243, 92.569

■ 1, 48.243, 92.569

■ 91, 48.243, 92.569

■ 0, 48.243, 92.569

■ 41, 48.243, 92.569

■ 41, 48.243, 92.569

■ 41, 48.228, 92.571

■ 42, 45.736, 93.596

■ 42, 42.631, 94.647

■ 43, 38.475, 95.706

■ 43, 33.615, 96.782

■ 44, 28.324, 97.872

■ 45, 22.790, 98.967

■ 45, 17.130,
100.057

■ 46, 11.418,
101.133

■ 47, 5.698, 102.182

Harmonies

Complementary

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



41, 48.243, 92.569



13, 65.081, 302.854

Rectangle

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



41, 48.243, 92.569



41, 48.243, 142.569



41, 48.243, 272.569



41, 48.243, 322.569

Sweetspot

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



41, 48.228, 92.571



58, 21.365, 99.970



22, 50.884, 29.263



30, 14.476, 99.620



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 48.228, 92.571



53, 58.456, 92.259



43, 56.388, 120.785



23, 3.186, 102.285



43, 50.287, 92.496



85, 85.487, 91.824

Inverse Universe

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



13, 65.081, 302.854



19, 80.760, 303.486



13, 70.420, 309.223



21, 3.229, 284.215



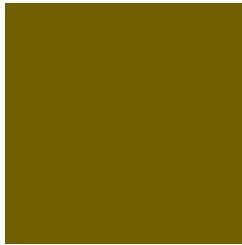
14, 68.256, 303.012



34, 121.573, 304.242

Previews

White Background



This preview shows how the CIELCh color 41, 48.243, 92.569 looks on a white background.

Color Contrast Check

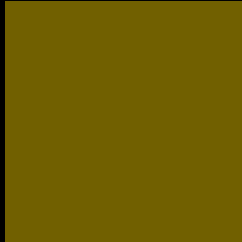
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.243, 92.569 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, 48.243, 92.569

Background



This preview shows how black text looks on a background with the CIELCh color 41, 48.243, 92.569.



This preview shows how white text looks on a background with the CIELCh color 41, 48.243, 92.569.

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, 48.243, 92.569

Protanopia

41, 47.334, 95.623

Deuteranopia

41, 46.099, 83.322



Tritanopia
41, 13.122, 2.613

Trichromacy



Original Color
41, 48.243, 92.569

Protanomaly
41, 47.677, 95.020

Deuteranomaly
41, 46.548, 86.645

Tritanomaly
41, 22.177, 76.016

Monochromacy



Original Color
41, 48.243, 92.569

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 21.276, 99.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 48.243, 92.569 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(113, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(113, 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(113, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 96, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 48.243, 92.569 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(113, 96, 0) }
```

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

```
.border{ border-color:rgb(113, 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(113, 96, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(113, 96, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 48.243, 92.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 96, 0) }
```

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

```
.background{ background-color: rgb(113, 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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