

Converting Colors

CIELCh(41, 38.210, 90.886)

Have a look what the booklet for
CIELCh(41, 38.210, 90.886) contains.

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Color

CIELCh(41, 38.227, 90.749)

Conversions

Conversions Part 1

Format	Color
Hex	715F1E
RGB	113, 95, 30
RGB Percent	44%, 37%, 12%
CMY	0.5556, 0.6263, 0.8812
CMYK	0.00, 0.16, 0.73, 0.56
HSL	47°, 58%, 28%
HSV	47°, 73%, 44%
XYZ	11.2082, 11.8645, 2.9475
YIQ	92.9720, 31.5930, -16.3990

Conversions

Conversions Part 2

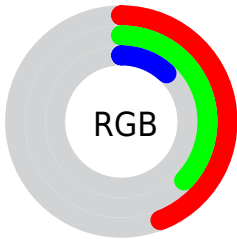
Format	Color
RYB	53, 113, 30
Decimal	7429918
CIELab	41.00, -0.50, 38.22
CIELCh	41, 38.227, 90.749
Yxy	11.8645, 0.4307, 0.4560
Android (android.graphics.Color)	4285619998 (0xFF715F1E)
YUV	92.9720, -31.0452, 17.5646
Hunter-Lab	34.4449, -2.1956, 19.0379

Details

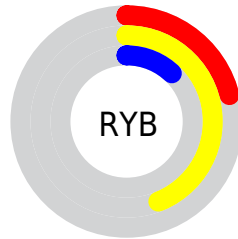
The CIELCh color **41, 38.227, 90.749** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **22, 43.230, 293.123**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 38.251, 90.854**, and **21, 29.483, 89.205** is the 20% darker color. If you saturate the color by 10%, you get **40, 42.132, 89.459**, and if you desaturate by 10%, it is **42, 33.593, 91.998**.

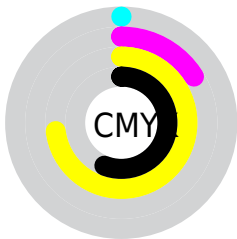
Distribution



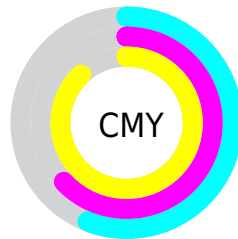
- Red (44%)
- Green (37%)
- Blue (12%)



- Red (21%)
- Yellow (44%)
- Blue (12%)



- Cyan (0%)
- Magenta (16%)
- Yellow (73%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 38.227, 90.749 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, 38.227, 90.749 by changing the saturation by 10% instead.

41, 38.227, 90.749

41, 38.227, 90.749

100, 38.227,
90.749

31, 38.227, 90.749

61, 38.227, 90.749

21, 38.227, 90.749

71, 38.227, 90.749

11, 38.227, 90.749

81, 38.227, 90.749

1, 38.227, 90.749

91, 38.227, 90.749

0, 38.227, 90.749

41, 38.227, 90.749

41, 38.227, 90.749

40, 42.132, 89.459

42, 33.593, 91.998

39, 44.968, 88.079

43, 28.534, 93.220

■ 39, 46.815, 87.186

■ 44, 23.253, 94.422

■ 44, 17.873, 95.605

■ 45, 12.468, 96.764

■ 46, 7.079, 97.890

■ 47, 1.729, 98.942

■ 48, 3.569, 280.098

■ 50, 8.811, 281.101

Harmonies

Complementary

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



41, 38.227, 90.749



22, 43.230, 293.123

Rectangle

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



41, 38.227, 90.749



41, 38.227, 140.749



41, 38.227, 270.749



41, 38.227, 320.749

Sweetspot

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



41, 38.227, 90.752



59, 14.663, 96.842



26, 38.657, 13.112



30, 9.795, 96.615



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, 38.227, 90.752



51, 53.617, 88.493



45, 46.171, 116.943



23, 2.970, 98.357



41, 48.699, 87.076



81, 82.766, 86.022

Inverse Universe

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



22, 43.230, 293.123



24, 66.016, 298.081



20, 55.105, 306.606



22, 2.999, 280.403



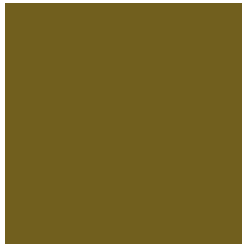
16, 63.440, 300.771



37, 114.010, 302.345

Previews

White Background



This preview shows how the CIELCh color 41, 38.227, 90.749 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, 38.227, 90.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

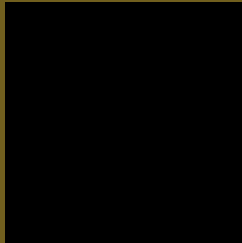
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 38.227, 90.749

Background



This preview shows how black text looks on a background with the CIELCh color 41, 38.227, 90.749.



This preview shows how white text looks on a background with the CIELCh color 41, 38.227, 90.749.

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, 38.227, 90.749

Protanopia

41, 37.981, 95.348

Deuteranopia

41, 38.001, 82.077



Tritanopia
41, 13.122, 2.613

Trichromacy



Original Color
41, 38.227, 90.749

Protanomaly
41, 37.842, 93.018

Deuteranomaly
41, 38.055, 85.253

Tritanomaly
41, 16.563, 63.740

Monochromacy



Original Color
41, 38.227, 90.749

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 14.772, 97.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 38.227, 90.749 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, 95, 30)` looks like.

```
.text, #text, p{  
    color:rgb(113, 95, 30)  
}
```

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, 95, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 95, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 38.227, 90.749 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, 95, 30) }
```

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

```
.border{ border-color:rgb(113, 95, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 95, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 95, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 95, 30);  
box-shadow:4px 4px 4px 4px rgb(113, 95,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 38.227, 90.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 95, 30) }
```

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

```
.background{ background-color: rgb(113, 95,  
30) }
```

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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