

Converting Colors

CIELCh(41, 17.365, 72.372)

Have a look what the booklet for
CIELCh(41, 17.365, 72.372) contains.

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Color

CIELCh(41, 17.451, 71.919)

Conversions

Conversions Part 1

Format	Color
Hex	735D46
RGB	115, 93, 70
RGB Percent	45%, 36%, 27%
CMY	0.5498, 0.6361, 0.7262
CMYK	0.00, 0.19, 0.39, 0.55
HSL	31°, 24%, 36%
HSV	31°, 39%, 45%
XYZ	12.0392, 11.8645, 7.4186
YIQ	96.9560, 20.4950, -2.4890

Conversions

Conversions Part 2

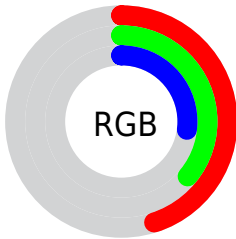
Format	Color
R _Y B	113, 115, 70
Decimal	7560518
CIE Lab	41.00, 5.42, 16.59
CIE LCh	41, 17.451, 71.919
Yxy	11.8645, 0.3844, 0.3788
Android (android.graphics.Color)	4285750598 (0xFF735D46)
YUV	96.9560, -13.2893, 15.8246
Hunter-Lab	34.4449, 2.1109, 11.3418

Details

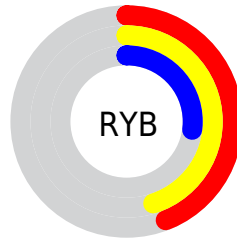
The CIELCh color **41, 17.451, 71.919** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 15.823, 262.909**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 17.680, 71.780**, and **21, 17.737, 71.171** is the 20% darker color. If you saturate the color by 10%, you get **39, 22.367, 70.694**, and if you desaturate by 10%, it is **43, 12.720, 73.141**.

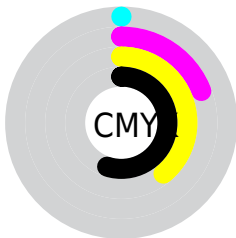
Distribution



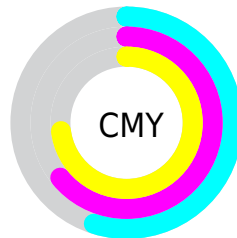
- Red (45%)
- Green (36%)
- Blue (27%)



- Red (44%)
- Yellow (45%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (55%)





















- Cyan (55%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 17.451, 71.919 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, 17.451, 71.919 by changing the saturation by 10% instead.

 41, 17.451, 71.919	 41, 17.451, 71.919
 100, 17.451, 71.919	 31, 17.451, 71.919
 61, 17.451, 71.919	 21, 17.451, 71.919
 71, 17.451, 71.919	 11, 17.451, 71.919
 81, 17.451, 71.919	 1, 17.451, 71.919
 91, 17.451, 71.919	 0, 17.451, 71.919
 41, 17.451, 71.919	 41, 17.451, 71.919
 39, 22.367, 70.694	 43, 12.720, 73.141
 37, 27.429, 69.438	 45, 8.182, 74.338

■ 36, 32.547, 68.129

■ 47, 3.833, 75.494

■ 34, 37.532, 66.693

■ 49, 0.340, 257.426

■ 33, 42.030, 64.978

■ 50, 4.351, 257.911

■ 31, 46.291, 63.299

■ 52, 8.218, 258.985

■ 31, 46.671, 63.197

■ 54, 11.954,
260.038

■ 56, 15.575,
261.055

■ 58, 19.092,
262.031

Harmonies

Complementary

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



41, 17.451, 71.919



38, 15.823, 262.909

Rectangle

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



41, 17.451, 71.919



41, 17.451, 121.919



41, 17.451, 251.919



41, 17.451, 301.919

Sweetspot

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



41, 17.451, 71.925



59, 6.295, 75.140



36, 23.348, 347.286



31, 4.217, 75.030



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



41, 17.451, 71.925



51, 26.627, 70.810



47, 25.992, 106.596



24, 2.391, 75.508



33, 48.988, 62.964



66, 83.876, 60.763

Inverse Universe

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



38, 15.823, 262.909



47, 23.550, 265.020



32, 28.572, 295.060



23, 2.348, 257.808



26, 41.406, 283.422



53, 74.126, 286.047

Previews

White Background



This preview shows how the CIELCh color 41, 17.451, 71.919 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 CIE LCh color 41, 17.451, 71.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

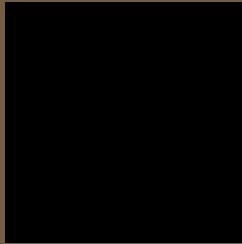
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 17.451, 71.919

Background



This preview shows how black text looks on a background with the CIELCh color 41, 17.451, 71.919.



This preview shows how white text looks on a background with the CIELCh color 41, 17.451, 71.919.

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, 17.451, 71.919

Protanopia

41, 15.373, 95.825

Deuteranopia

41, 17.451, 71.919



Tritanopia
41, 12.709, 1.901

Trichromacy



Original Color
41, 17.451, 71.919

Protanomaly
41, 15.722, 85.451

Deuteranomaly
41, 17.451, 71.919

Tritanomaly
41, 11.865, 32.563

Monochromacy



Original Color
41, 17.451, 71.919

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 5.969, 73.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 17.451, 71.919 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(115, 93, 70)` looks like.

```
.text, #text, p{  
    color:rgb(115, 93, 70)  
}
```

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(115, 93, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 93, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 17.451, 71.919 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(115, 93, 70) }
```

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

```
.border{ border-color:rgb(115, 93, 70) }
```

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

Here you see how a box with a 4 pixel rgb(115, 93, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 93, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 93, 70);  
box-shadow:4px 4px 4px 4px rgb(115, 93,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 17.451, 71.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 93, 70) }
```

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

```
.background{ background-color: rgb(115, 93,  
70) }
```

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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