

Converting Colors

CIELCh(41, 42.598, 70.880)

Have a look what the booklet for
CIELCh(41, 42.598, 70.880) contains.

CIELCh(41, 42.340, 71.152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 42.340, 71.152)

Conversions

Conversions Part 1

Format	Color
Hex	85571C
RGB	133, 87, 28
RGB Percent	52%, 34%, 11%
CMY	0.4788, 0.6591, 0.8905
CMYK	0.00, 0.35, 0.79, 0.48
HSL	34°, 65%, 32%
HSV	34°, 79%, 52%
XYZ	13.2671, 11.8645, 2.6840
YIQ	94.0280, 46.3550, -8.5970

Conversions

Conversions Part 2

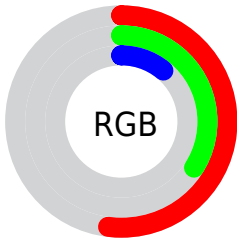
Format	Color
R_{YB}	110, 133, 28
Decimal	8738588
CIE Lab	41.00, 13.68, 40.07
CIE LCh	41, 42.340, 71.152
Yxy	11.8645, 0.4770, 0.4265
Android (android.graphics.Color)	4286928668 (0xFF85571C)
YUV	94.0280, -32.5518, 34.1784
Hunter-Lab	34.4449, 8.4742, 19.4915

Details

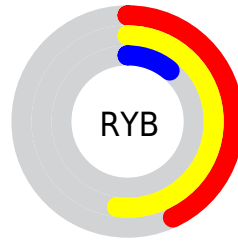
The CIELCh color **41, 42.340, 71.152** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **31, 38.160, 280.171**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 42.469, 71.265**, and **21, 33.630, 65.393** is the 20% darker color. If you saturate the color by 10%, you get **39, 46.963, 69.263**, and if you desaturate by 10%, it is **43, 36.990, 72.748**.

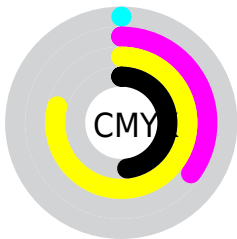
Distribution



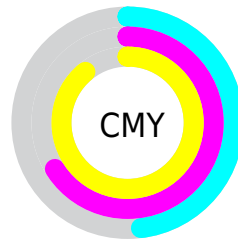
- Red (52%)
- Green (34%)
- Blue (11%)



- Red (43%)
- Yellow (52%)
- Blue (11%)



- Cyan (0%)
- Magenta (35%)
- Yellow (79%)
- Black (48%)



- Cyan (48%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 42.340, 71.152 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, 42.340, 71.152 by changing the saturation by 10% instead.

■ 41, 42.340, 71.152

■ 41, 42.340, 71.152

■ 100, 42.340,
71.152

■ 31, 42.340, 71.152

■ 61, 42.340, 71.152

■ 21, 42.340, 71.152

■ 71, 42.340, 71.152

■ 11, 42.340, 71.152

■ 81, 42.340, 71.152

■ 1, 42.340, 71.152

■ 91, 42.340, 71.152

■ 0, 42.340, 71.152

■ 41, 42.340, 71.152

■ 41, 42.340, 71.152

■ 39, 46.963, 69.263

■ 43, 36.990, 72.748

■ 38, 50.855, 67.160

■ 44, 31.357, 74.192

38, 51.297, 66.991

46, 25.690, 75.563

48, 20.118, 76.893

50, 14.702, 78.192

52, 9.462, 79.460

54, 4.401, 80.678

56, 0.490, 262.426

58, 5.222, 263.162

Harmonies

Complementary

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



41, 42.340, 71.152



31, 38.160, 280.171

Rectangle

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



41, 42.340, 71.152



41, 42.340, 121.152



41, 42.340, 251.152



41, 42.340, 301.152

Sweetspot

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



41, 42.339, 71.155



65, 15.004, 78.761



30, 47.106, 358.021



33, 10.319, 78.372



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, 42.339, 71.155



50, 60.493, 67.325



53, 53.617, 106.202



27, 2.754, 80.663



37, 50.489, 67.071



0, 0.652, 81.818

Inverse Universe

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



31, 38.160, 280.171



36, 57.492, 287.398



19, 68.609, 303.717



26, 2.722, 263.044



25, 47.951, 288.245



0, 0.652, 261.829

Previews

White Background



This preview shows how the CIELCh color 41, 42.340, 71.152 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, 42.340, 71.152 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, 42.340, 71.152

Background



This preview shows how black text looks on a background with the CIELCh color 41, 42.340, 71.152.



This preview shows how white text looks on a background with the CIELCh color 41, 42.340, 71.152.

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, 42.340, 71.152

Protanopia

41, 37.981, 95.348

Deuteranopia

41, 40.804, 82.387



Tritanopia
41, 24.634, 14.960

Trichromacy



Original Color
41, 42.340, 71.152

Protanomaly
41, 38.501, 85.392

Deuteranomaly
41, 41.019, 77.963

Tritanomaly
41, 27.412, 43.983

Monochromacy



Original Color
41, 42.340, 71.152

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 15.103, 76.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 42.340, 71.152 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(133, 87, 28)` looks like.

```
.text, #text, p{  
    color:rgb(133, 87, 28)  
}
```

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(133, 87, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 87, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 42.340, 71.152 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(133, 87, 28) }
```

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

```
.border{ border-color:rgb(133, 87, 28) }
```

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

Here you see how a box with a 4 pixel rgb(133, 87, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 87, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 87, 28);  
box-shadow:4px 4px 4px 4px rgb(133, 87,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 42.340, 71.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 87, 28) }
```

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

```
.background{ background-color: rgb(133, 87,  
28) }
```

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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