

Converting Colors

CIELCh(41, 30.347, 88.355)

Have a look what the booklet for
CIELCh(41, 30.347, 88.355) contains.

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Color

CIELCh(41, 30.360, 88.744)

Conversions

Conversions Part 1

Format	Color
Hex	715F2E
RGB	113, 95, 46
RGB Percent	44%, 37%, 18%
CMY	0.5573, 0.6279, 0.8200
CMYK	0.00, 0.16, 0.59, 0.56
HSL	44°, 42%, 31%
HSV	44°, 59%, 44%
XYZ	11.3688, 11.8645, 4.2650
YIQ	94.7960, 26.4570, -11.4230

Conversions

Conversions Part 2

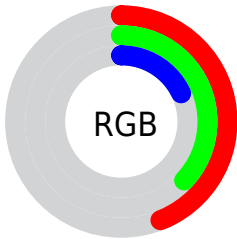
Format	Color
R_{YB}	71, 113, 46
Decimal	7429934
CIE Lab	41.00, 0.67, 30.35
CIE LCh	41, 30.360, 88.744
Yxy	11.8645, 0.4134, 0.4315
Android (android.graphics.Color)	4285620014 (0xFF715F2E)
YUV	94.7960, -24.0564, 15.9649
Hunter-Lab	34.4449, -1.3636, 16.7700

Details

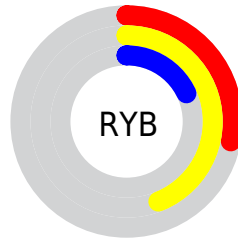
The CIELCh color **41, 30.360, 88.744** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **28, 31.841, 286.395**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 30.593, 88.290**, and **21, 29.668, 88.151** is the 20% darker color. If you saturate the color by 10%, you get **40, 35.150, 87.409**, and if you desaturate by 10%, it is **42, 25.306, 90.042**.

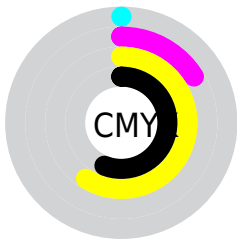
Distribution



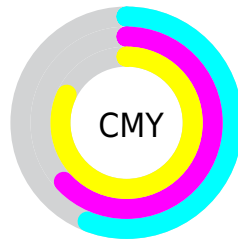
- Red (44%)
- Green (37%)
- Blue (18%)



- Red (28%)
- Yellow (44%)
- Blue (18%)



- Cyan (0%)
- Magenta (16%)
- Yellow (59%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 30.360, 88.744 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, 30.360, 88.744 by changing the saturation by 10% instead.

41, 30.360, 88.744

41, 30.360, 88.744

100, 30.360,
88.744

31, 30.360, 88.744

61, 30.360, 88.744

21, 30.360, 88.744

71, 30.360, 88.744

11, 30.360, 88.744

81, 30.360, 88.744

1, 30.360, 88.744

91, 30.360, 88.744

0, 30.360, 88.744

41, 30.360, 88.744

41, 30.360, 88.744

40, 35.150, 87.409

42, 25.306, 90.042

39, 39.425, 85.997

43, 20.142, 91.304

■ 38, 42.817, 84.452

■ 44, 14.957, 92.535

■ 37, 45.650, 82.870

■ 45, 9.801, 93.732

■ 37, 45.863, 82.776

■ 46, 4.699, 94.884

■ 48, 0.336, 276.427

■ 49, 5.301, 277.149

■ 50, 10.194,
278.178

■ 51, 15.019,
279.168

Harmonies

Complementary

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



41, 30.360, 88.744



28, 31.841, 286.395

Rectangle

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



41, 30.360, 88.744



41, 30.360, 138.744



41, 30.360, 268.744



41, 30.360, 318.744

Sweetspot

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



41, 30.360, 88.748



59, 11.377, 93.833



29, 31.766, 5.343



30, 7.867, 93.561



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, 30.360, 88.748



52, 44.661, 86.916



45, 38.333, 115.091



23, 2.815, 94.923



39, 47.843, 82.623



78, 81.388, 81.261

Inverse Universe

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



28, 31.841, 286.395



32, 48.446, 290.168



24, 44.232, 303.963



22, 2.831, 277.057



17, 59.292, 298.577



39, 107.054, 300.390

Previews

White Background



This preview shows how the CIELCh color 41, 30.360, 88.744 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, 30.360, 88.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

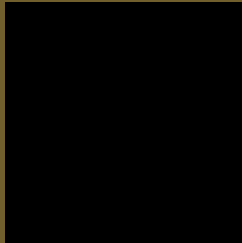
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 30.360, 88.744

Background



This preview shows how black text looks on a background with the CIELCh color 41, 30.360, 88.744.



This preview shows how white text looks on a background with the CIELCh color 41, 30.360, 88.744.

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, 30.360, 88.744

Protanopia

41, 29.809, 96.242

Deuteranopia

41, 30.239, 79.800



Tritanopia
41, 12.709, 1.901

Trichromacy



Original Color
41, 30.360, 88.744

Protanomaly
41, 29.621, 93.320

Deuteranomaly
41, 30.014, 82.686

Tritanomaly
41, 14.018, 54.348

Monochromacy



Original Color
41, 30.360, 88.744

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 11.337, 92.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 30.360, 88.744 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(113, 95, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 95, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 30.360, 88.744 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, 46) }
```

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

```
.border{ border-color:rgb(113, 95, 46) }
```

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, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 95, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 95, 46);  
box-shadow:4px 4px 4px 4px rgb(113, 95,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 30.360, 88.744 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, 46) }
```

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

```
.background{ background-color: rgb(113, 95,  
46) }
```

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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