

Converting Colors

CIELCh(41, 40.215, 156.262)

Have a look what the booklet for
CIELCh(41, 40.215, 156.262)
contains.

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Color

CIELCh(41, 40.192, 156.277)

Conversions

Conversions Part 1

Format	Color
Hex	0F6F45
RGB	15, 111, 69
RGB Percent	6%, 44%, 27%
CMY	0.9423, 0.5653, 0.7299
CMYK	0.87, 0.00, 0.38, 0.57
HSL	154°, 77%, 25%
HSV	154°, 87%, 43%
XYZ	6.9311, 11.8645, 7.5335
YIQ	77.5080, -43.7340, -33.4140

Conversions

Conversions Part 2

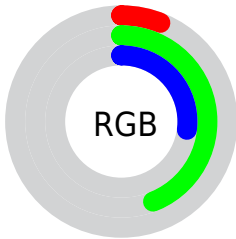
Format	Color
RYB	15, 76, 111
Decimal	1011525
CIELab	41.00, -36.80, 16.17
CIELCh	41, 40.192, 156.277
Yxy	11.8645, 0.2633, 0.4506
Android (android.graphics.Color)	4279201605 (0xFF0F6F45)
YUV	77.5080, -4.1944, -54.8195
Hunter-Lab	34.4449, -24.3601, 11.1441

Details

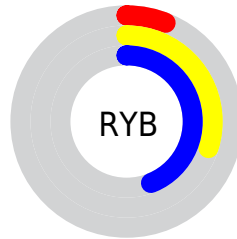
The CIELCh color **41, 40.192, 156.277** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **24, 42.903, 0.984**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 40.293, 156.420**, and **22, 33.187, 147.989** is the 20% darker color. If you saturate the color by 10%, you get **41, 43.095, 154.314**, and if you desaturate by 10%, it is **41, 36.894, 158.129**.

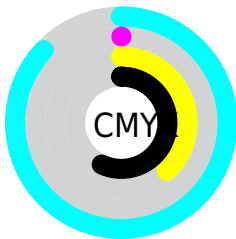
Distribution



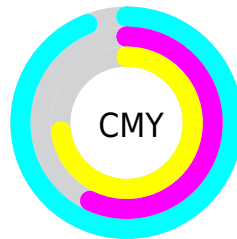
- Red (6%)
- Green (44%)
- Blue (27%)



- Red (6%)
- Yellow (30%)
- Blue (44%)



- Cyan (87%)
- Magenta (0%)
- Yellow (38%)
- Black (57%)





- Cyan (94%)
- Magenta (57%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 40.192, 156.277 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, 40.192, 156.277 by changing the saturation by 10% instead.


 41, 40.192,
156.277


 41, 40.192,
156.277


 100, 40.192,
156.277


 31, 40.192,
156.277

 61, 40.192,
156.277


 21, 40.192,
156.277

 71, 40.192,
156.277

 11, 40.192,
156.277


 81, 40.192,
156.277

 1, 40.192, 156.277

 91, 40.192,
156.277

 0, 40.192, 156.277

 41, 40.192,

 41, 40.192,

156.277

■ 41, 43.095,
154.314

■ 41, 44.036,
153.718

156.277

■ 41, 36.894,
158.129

■ 42, 33.117,
159.790

■ 42, 28.896,
161.271

■ 43, 24.292,
162.593

■ 43, 19.382,
163.775

■ 44, 14.248,
164.841

■ 45, 8.967, 165.812

■ 46, 3.609, 166.734

Harmonies

Complementary

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



41, 40.192, 156.277



24, 42.903, 0.984

Rectangle

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



41, 40.192, 156.277



41, 40.192, 206.277



41, 40.192, 336.277



41, 40.192, 26.277

Sweetspot

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



41, 40.192, 156.277



57, 17.311, 164.842



42, 54.987, 128.234



29, 11.800, 164.570



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, 40.192, 156.277



53, 54.223, 153.036



41, 24.584, 203.566



23, 3.050, 166.520



44, 46.744, 153.505



86, 82.016, 152.101

Inverse Universe

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



24, 42.903, 0.984



30, 55.536, 7.068



23, 48.045, 36.076



22, 3.097, 347.899



24, 48.307, 6.083



53, 82.587, 9.092

Previews

White Background



This preview shows how the CIELCh color 41, 40.192, 156.277 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, 40.192, 156.277 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, 40.192, 156.277

Background



This preview shows how black text looks on a background with the CIELCh color 41, 40.192, 156.277.



This preview shows how white text looks on a background with the CIELCh color 41, 40.192, 156.277.

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, 40.192, 156.277

Protanopia

41, 20.247, 95.039

Deuteranopia

41, 15.202, 68.630



Tritanopia
41, 20.330, 213.002

Trichromacy



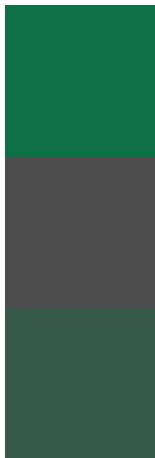
Original Color
41, 40.192, 156.277

Protanomaly
40, 25.093, 137.167

Deuteranomaly
40, 19.493, 137.042

Tritanomaly
41, 24.981, 183.730

Monochromacy



Original Color
41, 40.192, 156.277

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 17.171, 164.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 40.192, 156.277 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(15, 111, 69)` looks like.

```
.text, #text, p{  
    color:rgb(15, 111, 69)  
}
```

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(15, 111, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 111, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 40.192, 156.277 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(15, 111, 69) }
```

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

```
.border{ border-color:rgb(15, 111, 69) }
```

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

Here you see how a box with a 4 pixel rgb(15, 111, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 111, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 111, 69);  
box-shadow:4px 4px 4px 4px rgb(15, 111,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 40.192, 156.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 111, 69) }
```

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

```
.background{ background-color: rgb(15, 111,  
69) }
```

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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