

Converting Colors

CIELCh(39, 60.029, 167.225)

Have a look what the booklet for
CIELCh(39, 60.029, 167.225)
contains.

CIELCh(41, 41.830, 156.925)	3
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Color

CIELCh(41, 41.830, 156.925)

Conversions

Conversions Part 1

Format	Color
Hex	006F44
RGB	0, 111, 68
RGB Percent	0%, 44%, 27%
CMY	1.0000, 0.5632, 0.7316
CMYK	1.00, 0.00, 0.39, 0.56
HSL	157°, 100%, 22%
HSV	157°, 100%, 44%
XYZ	6.7645, 11.8645, 7.4718
YIQ	72.9090, -52.3530, -36.9050

Conversions

Conversions Part 2

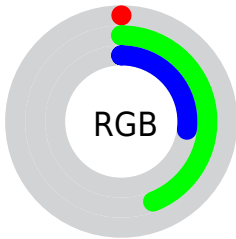
Format	Color
RYB	0, 69, 111
Decimal	28484
CIELab	41.00, -38.48, 16.39
CIELCh	41, 41.830, 156.925
Yxy	11.8645, 0.2592, 0.4546
Android (android.graphics.Color)	4278218564 (0xFF006F44)
YUV	72.9090, -2.4201, -63.9412
Hunter-Lab	34.4449, -25.2236, 11.2503

Details

The CIELCh color **41, 41.830, 156.925** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **22, 45.961, 10.420**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 42.108, 156.347**, and **22, 33.653, 147.326** is the 20% darker color. If you saturate the color by 10%, you get **41, 41.732, 156.834**, and if you desaturate by 10%, it is **41, 39.120, 158.732**.

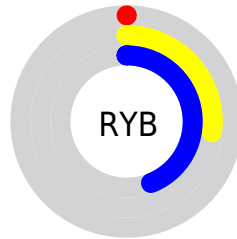
Distribution



Red (0%)

Green (44%)

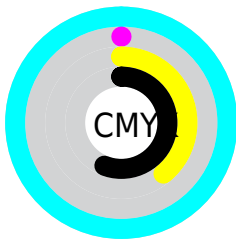
Blue (27%)



Red (0%)

Yellow (27%)

Blue (44%)

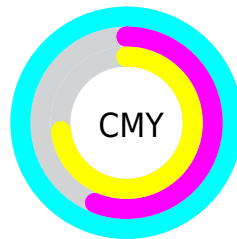


Cyan (100%)

Magenta (0%)

Yellow (39%)

Black (56%)



Cyan (100%)


Magenta (56%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 41.830, 156.925 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, 41.830, 156.925 by changing the saturation by 10% instead.


 41, 41.830,
156.925


 41, 41.830,
156.925


 100, 41.830,
156.925


 31, 41.830,
156.925

 61, 41.830,
156.925


 21, 41.830,
156.925

 71, 41.830,
156.925

 11, 41.830,
156.925


 81, 41.830,
156.925

 1, 41.830, 156.925

 91, 41.830,
156.925

 0, 41.830, 156.925

 41, 41.830,

 41, 41.830,

156.925

■ 41, 41.732,
156.834

156.925

■ 41, 39.120,
158.732

■ 41, 36.243,
160.625

■ 42, 32.885,
162.328

■ 42, 29.064,
163.852

■ 43, 24.829,
165.216

■ 43, 20.248,
166.442

■ 44, 15.400,
167.551

■ 45, 10.362,
168.565

Harmonies

Complementary

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



41, 41.830, 156.925



22, 45.961, 10.420

Rectangle

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



41, 41.830, 156.925



41, 41.830, 206.925



41, 41.830, 336.925



41, 41.830, 26.925

Sweetspot

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



41, 41.732, 156.834



57, 19.138, 167.466



41, 60.603, 130.263



29, 13.104, 167.113



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, 41.732, 156.834



53, 51.155, 156.173



38, 24.321, 213.303



23, 2.946, 169.608



44, 44.128, 156.636



87, 77.281, 155.246

Inverse Universe

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



22, 45.961, 10.420



30, 55.817, 11.950



22, 53.089, 39.456



22, 3.001, 351.028



24, 48.461, 10.875



53, 83.338, 14.143

Previews

White Background



This preview shows how the CIELCh color 41, 41.830, 156.925 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, 41.830, 156.925 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, 41.830, 156.925

Background



This preview shows how black text looks on a background with the CIELCh color 41, 41.830, 156.925.



This preview shows how white text looks on a background with the CIELCh color 41, 41.830, 156.925.

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, 41.711, 156.727

Protanopia

41, 21.264, 96.745

Deuteranopia

41, 15.656, 69.904



Tritanopia
41, 20.922, 210.708

Trichromacy



Original Color
41, 41.711, 156.727

Protanomaly
40, 27.400, 140.051

Deuteranomaly
40, 21.104, 140.909

Tritanomaly
41, 26.820, 181.757

Monochromacy



Original Color
41, 41.711, 156.727

Achromatopsia
31, 0.005, 296.813

Achromatomaly
34, 19.333, 165.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 41.830, 156.925 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(0, 111, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 68)  
}
```

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(0, 111, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 41.830, 156.925 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(0, 111, 68) }
```

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

```
.border{ border-color:rgb(0, 111, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 68);  
box-shadow:4px 4px 4px 4px rgb(0, 111, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 41.830, 156.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 68) }
```

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

```
.background{ background-color: rgb(0, 111,  
68) }
```

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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