

Converting Colors

CIELCh(41, 58.472, 141.472)

Have a look what the booklet for
CIELCh(41, 58.472, 141.472)
contains.

CIELCh(41, 58.304, 141.054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 58.304, 141.054)

Conversions

Conversions Part 1

Format	Color
Hex	00711E
RGB	0, 113, 30
RGB Percent	0%, 44%, 12%
CMY	1.0000, 0.5575, 0.8830
CMYK	1.00, 0.00, 0.74, 0.56
HSL	136°, 100%, 22%
HSV	136°, 100%, 44%
XYZ	6.1145, 11.8645, 3.1855
YIQ	69.7510, -40.7050, -49.7690

Conversions

Conversions Part 2

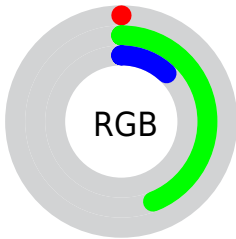
Format	Color
RYB	0, 89, 113
Decimal	28958
CIELab	41.00, -45.35, 36.65
CIELCh	41, 58.304, 141.054
Yxy	11.8645, 0.2889, 0.5606
Android (android.graphics.Color)	4278219038 (0xFF00711E)
YUV	69.7510, -19.5972, -61.1716
Hunter-Lab	34.4449, -28.5922, 18.6283

Details

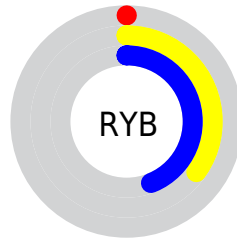
The CIELCh color **41, 58.304, 141.054** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **24, 52.202, 341.568**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 58.342, 141.023**, and **22, 43.432, 136.854** is the 20% darker color. If you saturate the color by 10%, you get **41, 58.279, 141.028**, and if you desaturate by 10%, it is **41, 54.537, 142.602**.

Distribution



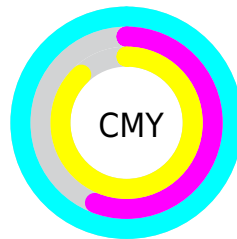
- Red (0%)
- Green (44%)
- Blue (12%)



- Red (0%)
- Yellow (35%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (56%)





- Cyan (100%)
- Magenta (56%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 58.304, 141.054 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, 58.304, 141.054 by changing the saturation by 10% instead.


 41, 58.304,
141.054


 41, 58.304,
141.054


 100, 58.304,
141.054


 31, 58.304,
141.054

 61, 58.304,
141.054


 21, 58.304,
141.054

 71, 58.304,
141.054

 11, 58.304,
141.054


 81, 58.304,
141.054

 1, 58.304, 141.054

 91, 58.304,
141.054

 0, 58.304, 141.054

 41, 58.304,

 41, 58.304,

141.054

141.054

■ 41, 58.279,
141.028

■ 41, 54.537,
142.602

■ 41, 50.214,
144.304

■ 42, 45.203,
145.885

■ 42, 39.599,
147.314

■ 43, 33.516,
148.581

■ 44, 27.079,
149.694

■ 44, 20.407,
150.667

■ 45, 13.609,
151.518

Harmonies

Complementary

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



41, 58.304, 141.054



24, 52.202, 341.568

Rectangle

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



41, 58.304, 141.054



41, 58.304, 191.054



41, 58.304, 321.054



41, 58.304, 11.054

Sweetspot

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



41, 58.279, 141.028



57, 25.468, 150.593



44, 55.051, 116.812



29, 17.244, 150.292



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, 58.279, 141.028



53, 71.756, 140.475



42, 35.830, 167.055



23, 3.793, 152.345



44, 61.034, 140.891



86, 107.001, 139.767

Inverse Universe

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



24, 52.202, 341.568



33, 63.156, 342.032



22, 48.487, 22.694



22, 3.809, 333.414



26, 54.435, 341.680



55, 92.044, 342.680

Previews

White Background



This preview shows how the CIELCh color 41, 58.304, 141.054 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, 58.304, 141.054 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, 58.304, 141.054

Background



This preview shows how black text looks on a background with the CIELCh color 41, 58.304, 141.054.



This preview shows how white text looks on a background with the CIELCh color 41, 58.304, 141.054.

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, 58.304, 141.054

Protanopia

41, 40.069, 96.177

Deuteranopia

41, 34.968, 81.551



Tritanopia
41, 19.516, 213.759

Trichromacy



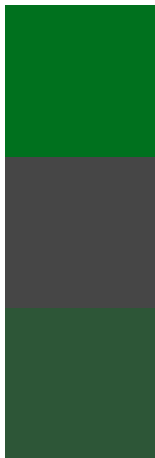
Original Color
41, 58.304, 141.054

Protanomaly
40, 44.981, 124.403

Deuteranomaly
39, 38.786, 121.463

Tritanomaly
41, 30.987, 166.497

Monochromacy



Original Color
41, 58.304, 141.054

Achromatopsia
30, 0.005, 296.813

Achromatomaly
33, 26.063, 148.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 58.304, 141.054 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, 113, 30)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 30)  
}
```

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, 113, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 58.304, 141.054 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, 113, 30) }
```

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

```
.border{ border-color:rgb(0, 113, 30) }
```

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

Here you see how a box with a 4 pixel rgb(0, 113, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 30);  
box-shadow:4px 4px 4px 4px rgb(0, 113, 30)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 58.304, 141.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 30) }
```

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

```
.background{ background-color: rgb(0, 113,  
30) }
```

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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