

Converting Colors

CIELCh(41, 60.380, 137.882)

Have a look what the booklet for
CIELCh(41, 60.380, 137.882)
contains.

CIELCh(41, 60.548, 137.861)	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, 60.548, 137.861)

Conversions

Conversions Part 1

Format	Color
Hex	0D7114
RGB	13, 113, 20
RGB Percent	5%, 44%, 8%
CMY	0.9483, 0.5583, 0.9232
CMYK	0.88, 0.00, 0.83, 0.56
HSL	124°, 79%, 25%
HSV	124°, 88%, 44%
XYZ	6.1556, 11.8645, 2.6081
YIQ	72.4980, -29.7470, -50.1230

Conversions

Conversions Part 2

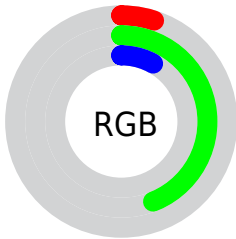
Format	Color
R_{YB}	13, 106, 113
Decimal	880916
CIE _{Lab}	41.00, -44.90, 40.62
CIE _{LCh}	41, 60.548, 137.861
Yxy	11.8645, 0.2984, 0.5752
Android (android.graphics.Color)	4279070996 (0xFF0D7114)
YUV	72.4980, -25.8815, -52.1797
Hunter-Lab	34.4449, -28.3793, 19.6222

Details

The CIELCh color **41, 60.548, 137.861** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 57.706, 330.465**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 60.746, 137.838**, and **22, 43.432, 136.854** is the 20% darker color. If you saturate the color by 10%, you get **41, 63.646, 137.036**, and if you desaturate by 10%, it is **41, 56.232, 138.997**.

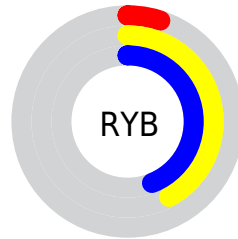
Distribution



Red (5%)

Green (44%)

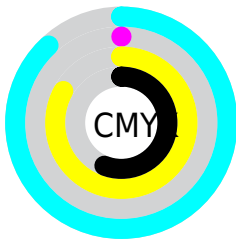
Blue (8%)



Red (5%)

Yellow (42%)

Blue (44%)

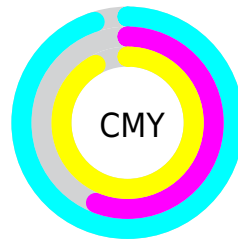


Cyan (88%)

Magenta (0%)

Yellow (83%)

Black (56%)



Cyan (95%)


Magenta (56%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 60.548, 137.861 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, 60.548, 137.861 by changing the saturation by 10% instead.


 41, 60.548,
137.861


 41, 60.548,
137.861


 100, 60.548,
137.861


 31, 60.548,
137.861

 61, 60.548,
137.861


 21, 60.548,
137.861

 71, 60.548,
137.861


 11, 60.548,
137.861


 81, 60.548,
137.861

 1, 60.548, 137.861

 91, 60.548,
137.861

 0, 60.548, 137.861

 41, 60.548,

 41, 60.548,

137.861

137.861

■ 41, 63.646,
137.036

■ 41, 56.232,
138.997

■ 41, 64.108,
136.940

■ 42, 50.782,
140.206

■ 42, 44.438,
141.393

■ 43, 37.429,
142.496

■ 43, 29.964,
143.487

■ 44, 22.222,
144.358

■ 45, 14.353,
145.115

■ 46, 6.472, 145.778

Harmonies

Complementary

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



41, 60.548, 137.861



26, 57.706, 330.465

Rectangle

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



41, 60.548, 137.861



41, 60.548, 187.861



41, 60.548, 317.861



41, 60.548, 7.861

Sweetspot

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



41, 60.548, 137.862



57, 25.174, 144.489



46, 50.207, 105.981



29, 17.193, 144.275



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, 60.548, 137.862



52, 77.481, 136.706



42, 41.744, 155.184



23, 4.378, 145.734



43, 67.114, 136.878



85, 115.956, 136.400

Inverse Universe

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



26, 57.706, 330.465



34, 72.349, 330.914



24, 43.897, 0.461



22, 4.386, 326.673



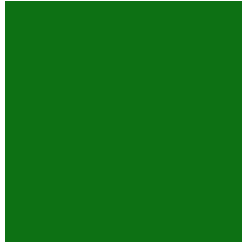
27, 62.988, 330.861



58, 107.275, 331.022

Previews

White Background



This preview shows how the CIELCh color 41, 60.548, 137.861 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, 60.548, 137.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

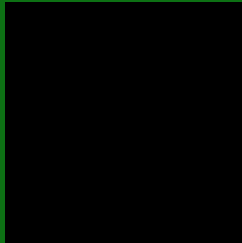
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 60.548, 137.861

Background



This preview shows how black text looks on a background with the CIELCh color 41, 60.548, 137.861.



This preview shows how white text looks on a background with the CIELCh color 41, 60.548, 137.861.

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, 60.618, 137.942

Protanopia

41, 44.146, 95.594

Deuteranopia

41, 38.449, 82.254



Tritanopia
41, 19.044, 212.277

Trichromacy



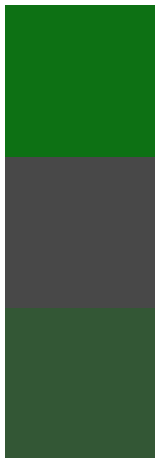
Original Color
41, 60.618, 137.942

Protanomaly
40, 47.699, 120.123

Deuteranomaly
40, 41.518, 116.052

Tritanomaly
41, 31.576, 162.023

Monochromacy



Original Color
41, 60.618, 137.942

Achromatopsia
31, 0.005, 296.813

Achromatomaly
34, 26.292, 143.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 60.548, 137.861 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(13, 113, 20)` looks like.

```
.text, #text, p{  
    color:rgb(13, 113, 20)  
}
```

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(13, 113, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 113, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 60.548, 137.861 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(13, 113, 20) }
```

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

```
.border{ border-color:rgb(13, 113, 20) }
```

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

Here you see how a box with a 4 pixel rgb(13, 113, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 113, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 113, 20);  
box-shadow:4px 4px 4px 4px rgb(13, 113,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 60.548, 137.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 113, 20) }
```

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

```
.background{ background-color: rgb(13, 113,  
20) }
```

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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