

Converting Colors

CIELCh(41, 64.640, 136.174)

Have a look what the booklet for
CIELCh(41, 64.640, 136.174)
contains.

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Color

CIELCh(41, 64.604, 136.197)

Conversions

Conversions Part 1

Format	Color
Hex	057104
RGB	5, 113, 4
RGB Percent	2%, 44%, 2%
CMY	0.9798, 0.5566, 0.9840
CMYK	0.95, 0.00, 0.96, 0.56
HSL	119°, 93%, 23%
HSV	119°, 96%, 44%
XYZ	5.9979, 11.8645, 2.0910
YIQ	68.2820, -29.3790, -56.7950

Conversions

Conversions Part 2

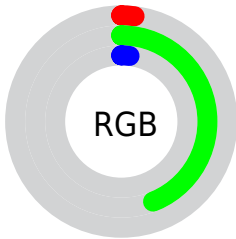
Format	Color
R_{YB}	4, 113, 112
Decimal	356612
CIE _{Lab}	41.00, -46.63, 44.72
CIE _{LCh}	41, 64.604, 136.197
Yxy	11.8645, 0.3006, 0.5946
Android (android.graphics.Color)	4278546692 (0xFF057104)
YUV	68.2820, -31.6910, -55.4983
Hunter-Lab	34.4449, -29.1962, 20.5123

Details

The CIELCh color **41, 64.604, 136.197** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 62.563, 327.823**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 64.628, 136.167**, and **22, 43.432, 136.854** is the 20% darker color. If you saturate the color by 10%, you get **41, 65.671, 135.943**, and if you desaturate by 10%, it is **41, 61.585, 136.859**.

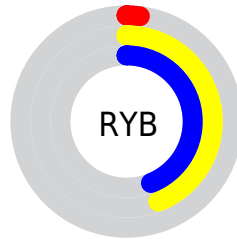
Distribution



Red (2%)

Green (44%)

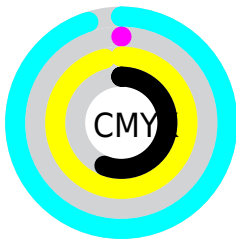
Blue (2%)



Red (2%)

Yellow (44%)

Blue (44%)

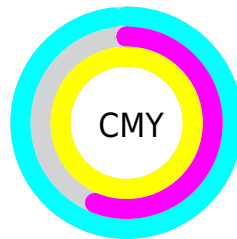


Cyan (95%)

Magenta (0%)

Yellow (96%)

Black (56%)



Cyan (98%)


Magenta (56%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 64.604, 136.197 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, 64.604, 136.197 by changing the saturation by 10% instead.


 41, 64.604,
136.197


 41, 64.604,
136.197


 100, 64.604,
136.197


 31, 64.604,
136.197

 61, 64.604,
136.197


 21, 64.604,
136.197

 71, 64.604,
136.197

 11, 64.604,
136.197


 81, 64.604,
136.197

 1, 64.604, 136.197

 91, 64.604,
136.197

 0, 64.604, 136.197

 41, 64.604,

 41, 64.604,

136.197

136.197

■ 41, 65.671,
135.943

■ 41, 61.585,
136.859

■ 41, 57.258,
137.716

■ 42, 51.624,
138.730

■ 42, 44.981,
139.783

■ 43, 37.618,
140.792

■ 44, 29.777,
141.714

■ 45, 21.661,
142.532

■ 46, 13.430,
143.245

Harmonies

Complementary

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



41, 64.604, 136.197



26, 62.563, 327.823

Rectangle

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



41, 64.604, 136.197



41, 64.604, 186.197



41, 64.604, 316.197



41, 64.604, 6.197

Sweetspot

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



41, 64.604, 136.198



57, 29.653, 142.267



46, 51.654, 101.987



29, 20.196, 141.998



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, 64.604, 136.198



53, 79.740, 135.963



41, 47.421, 150.074



23, 4.561, 143.714



43, 68.469, 135.948



85, 117.000, 135.988

Inverse Universe

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



26, 62.563, 327.823



35, 77.023, 327.853



23, 46.234, 357.454



22, 4.569, 324.620



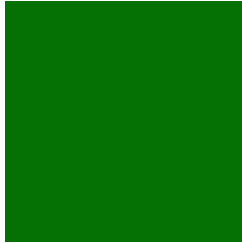
27, 66.149, 327.860



58, 112.976, 327.839

Previews

White Background



This preview shows how the CIELCh color 41, 64.604, 136.197 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, 64.604, 136.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

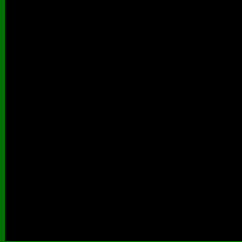
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 64.604, 136.197

Background



This preview shows how black text looks on a background with the CIELCh color 41, 64.604, 136.197.



This preview shows how white text looks on a background with the CIELCh color 41, 64.604, 136.197.

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, 64.604, 136.197

Protanopia

41, 48.148, 95.622

Deuteranopia

41, 40.998, 83.166



Tritanopia
41, 19.085, 214.183

Trichromacy



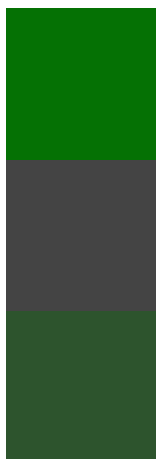
Original Color
41, 64.604, 136.197

Protanomaly
40, 52.171, 119.709

Deuteranomaly
39, 45.520, 116.328

Tritanomaly
40, 34.179, 158.638

Monochromacy



Original Color
41, 64.604, 136.197

Achromatopsia
29, 0.005, 296.813

Achromatomaly
32, 29.608, 141.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 64.604, 136.197 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(5, 113, 4)` looks like.

```
.text, #text, p{  
    color:rgb(5, 113, 4)  
}
```

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(5, 113, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 113, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 64.604, 136.197 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(5, 113, 4) }
```

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

```
.border{ border-color:rgb(5, 113, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 113, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 113, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 113, 4); box-shadow:4px  
4px 4px 4px rgb(5, 113, 4) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 64.604, 136.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 113, 4) }
```

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

```
.background{ background-color: rgb(5, 113,  
4) }
```

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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