

Converting Colors

CIELCh(41, 71.443, 131.657)

Have a look what the booklet for
CIELCh(41, 71.443, 131.657)
contains.

CIELCh(41, 65.068, 135.292)	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, 65.068, 135.292)

Conversions

Conversions Part 1

Format	Color
Hex	0B7100
RGB	11, 113, 0
RGB Percent	4%, 44%, 0%
CMY	0.9576, 0.5571, 1.0000
CMYK	0.90, 0.00, 1.00, 0.56
HSL	114°, 100%, 22%
HSV	114°, 100%, 44%
XYZ	6.0326, 11.8645, 1.9696
YIQ	69.6200, -24.5190, -56.7670

Conversions

Conversions Part 2

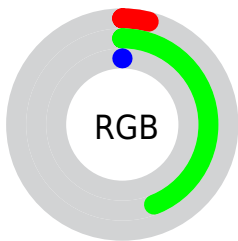
Format	Color
RYB	0, 113, 102
Decimal	749824
CIELab	41.00, -46.24, 45.77
CIELCh	41, 65.068, 135.292
Yxy	11.8645, 0.3037, 0.5972
Android (android.graphics.Color)	4278939904 (0xFF0B7100)
YUV	69.6200, -34.3227, -51.4097
Hunter-Lab	34.4449, -29.0167, 20.7212

Details

The CIELCh color **41, 65.068, 135.292** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **24, 63.754, 324.670**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 65.052, 135.324**, and **22, 43.432, 136.854** is the 20% darker color. If you saturate the color by 10%, you get **41, 65.050, 135.304**, and if you desaturate by 10%, it is **41, 62.023, 135.791**.

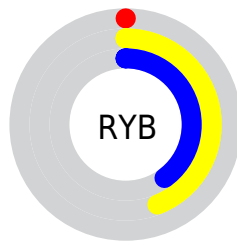
Distribution



Red (4%)

Green (44%)

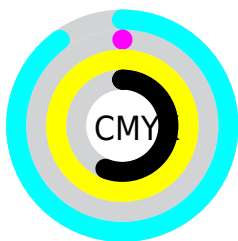
Blue (0%)



Red (0%)

Yellow (44%)

Blue (40%)

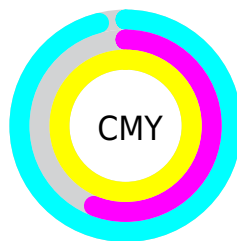


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (96%)


Magenta (56%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 65.068, 135.292 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, 65.068, 135.292 by changing the saturation by 10% instead.


 41, 65.068,
135.292


 41, 65.068,
135.292


 100, 65.068,
135.292


 31, 65.068,
135.292

 61, 65.068,
135.292


 21, 65.068,
135.292

 71, 65.068,
135.292


 11, 65.068,
135.292


 81, 65.068,
135.292

 1, 65.068, 135.292

 91, 65.068,
135.292

 0, 65.068, 135.292

 41, 65.068,

 41, 65.068,

135.292

135.292

■ 41, 65.050,
135.304

■ 41, 62.023,
135.791

■ 41, 58.033,
136.252

■ 42, 52.719,
136.946

■ 42, 46.383,
137.758

■ 43, 39.315,
138.594

■ 44, 31.763,
139.394

■ 44, 23.920,
140.127

■ 45, 15.939,
140.780

Harmonies

Complementary

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



41, 65.068, 135.292



24, 63.754, 324.670

Rectangle

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



41, 65.068, 135.292



41, 65.068, 185.292



41, 65.068, 315.292



41, 65.068, 5.292

Sweetspot

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



41, 65.050, 135.304



57, 29.834, 140.071



43, 49.670, 96.316



29, 20.205, 139.842



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, 65.050, 135.304



53, 79.213, 135.478



41, 52.503, 145.713



23, 4.436, 141.414



43, 67.911, 135.348



85, 116.495, 135.673

Inverse Universe

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



24, 63.754, 324.670



32, 77.469, 324.576



23, 48.308, 351.433



22, 4.450, 322.225



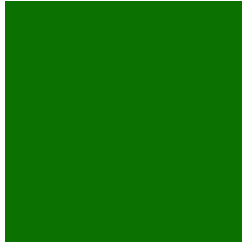
25, 66.521, 324.647



55, 113.664, 324.448

Previews

White Background



This preview shows how the CIELCh color 41, 65.068, 135.292 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, 65.068, 135.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

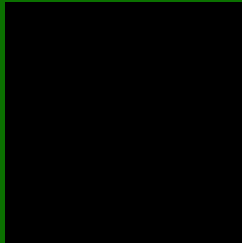
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 65.068, 135.292

Background



This preview shows how black text looks on a background with the CIELCh color 41, 65.068, 135.292.



This preview shows how white text looks on a background with the CIELCh color 41, 65.068, 135.292.

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, 65.068, 135.292

Protanopia

41, 48.148, 95.622

Deuteranopia

41, 41.397, 83.295



Tritanopia
41, 19.044, 212.277

Trichromacy



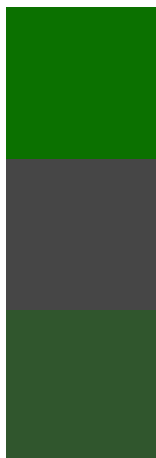
Original Color
41, 65.068, 135.292

Protanomaly
40, 52.139, 118.688

Deuteranomaly
39, 45.913, 114.956

Tritanomaly
40, 34.701, 156.815

Monochromacy



Original Color
41, 65.068, 135.292

Achromatopsia
30, 0.005, 296.813

Achromatomaly
33, 30.285, 139.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 65.068, 135.292 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(11, 113, 0)` looks like.

```
.text, #text, p{  
    color:rgb(11, 113, 0)  
}
```

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(11, 113, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 113, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 65.068, 135.292 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(11, 113, 0) }
```

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

```
.border{ border-color:rgb(11, 113, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 113, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 113, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 113, 0);  
box-shadow:4px 4px 4px 4px rgb(11, 113, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 65.068, 135.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 113, 0) }
```

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

```
.background{ background-color: rgb(11, 113,  
0) }
```

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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