

Converting Colors

CIELCh(38, 93.896, 144.415)

Have a look what the booklet for
CIELCh(38, 93.896, 144.415)
contains.

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Color

CIELCh(41, 65.300, 136.016)

Conversions

Conversions Part 1

Format	Color
Hex	037101
RGB	3, 113, 1
RGB Percent	1%, 44%, 0%
CMY	0.9887, 0.5563, 0.9942
CMYK	0.97, 0.00, 0.99, 0.56
HSL	119°, 97%, 22%
HSV	119°, 99%, 44%
XYZ	5.9655, 11.8645, 2.0180
YIQ	67.3420, -29.6080, -58.1520

Conversions

Conversions Part 2

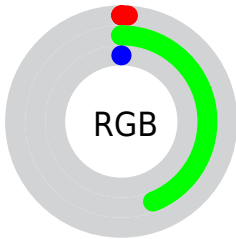
Format	Color
R_{YB}	1, 113, 111
Decimal	225537
CIE _{Lab}	41.00, -46.99, 45.35
CIE _{LCh}	41, 65.300, 136.016
Yxy	11.8645, 0.3006, 0.5978
Android (android.graphics.Color)	4278415617 (0xFF037101)
YUV	67.3420, -32.7066, -56.4279
Hunter-Lab	34.4449, -29.3642, 20.6379

Details

The CIELCh color **41, 65.300, 136.016** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 63.169, 327.743**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **61, 65.552, 135.944**, and **22, 43.432, 136.854** is the 20% darker color. If you saturate the color by 10%, you get **41, 65.690, 135.923**, and if you desaturate by 10%, it is **41, 62.386, 136.673**.

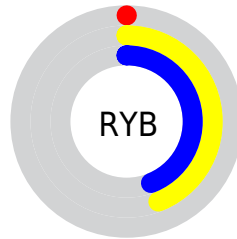
Distribution



Red (1%)

Green (44%)

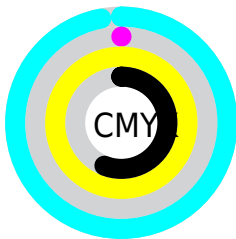
Blue (0%)



Red (0%)

Yellow (44%)

Blue (44%)

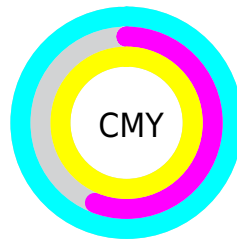


Cyan (97%)

Magenta (0%)

Yellow (99%)

Black (56%)



Cyan (99%)


Magenta (56%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 65.300, 136.016 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, 65.300, 136.016 by changing the saturation by 10% instead.


 41, 65.300,
136.016


 41, 65.300,
136.016


 100, 65.300,
136.016


 31, 65.300,
136.016

 61, 65.300,
136.016


 21, 65.300,
136.016

 71, 65.300,
136.016


 11, 65.300,
136.016


 81, 65.300,
136.016

 1, 65.300, 136.016

 91, 65.300,
136.016

 0, 65.300, 136.016

 41, 65.300,

 41, 65.300,

136.016

136.016

■ 41, 65.690,
135.923

■ 41, 62.386,
136.673

■ 41, 58.390,
137.467

■ 42, 53.023,
138.446

■ 42, 46.581,
139.491

■ 43, 39.357,
140.509

■ 44, 31.606,
141.448

■ 44, 23.539,
142.286

■ 46, 15.323,
143.019

Harmonies

Complementary

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



41, 65.300, 136.016



26, 63.169, 327.743

Rectangle

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



41, 65.300, 136.016



41, 65.300, 186.016



41, 65.300, 316.016



41, 65.300, 6.016

Sweetspot

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



41, 65.300, 136.017



57, 30.641, 142.119



46, 52.257, 101.897



29, 20.746, 141.854



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, 65.300, 136.017



53, 79.724, 135.948



41, 48.200, 149.651



23, 4.557, 143.642



43, 68.451, 135.929



85, 116.987, 135.980

Inverse Universe

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



26, 63.169, 327.743



34, 77.032, 327.744



23, 46.673, 358.125



22, 4.565, 324.545



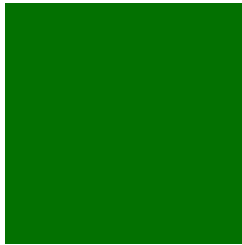
27, 66.157, 327.754



58, 112.990, 327.727

Previews

White Background



This preview shows how the CIELCh color 41, 65.300, 136.016 looks on a white background.

Color Contrast Check

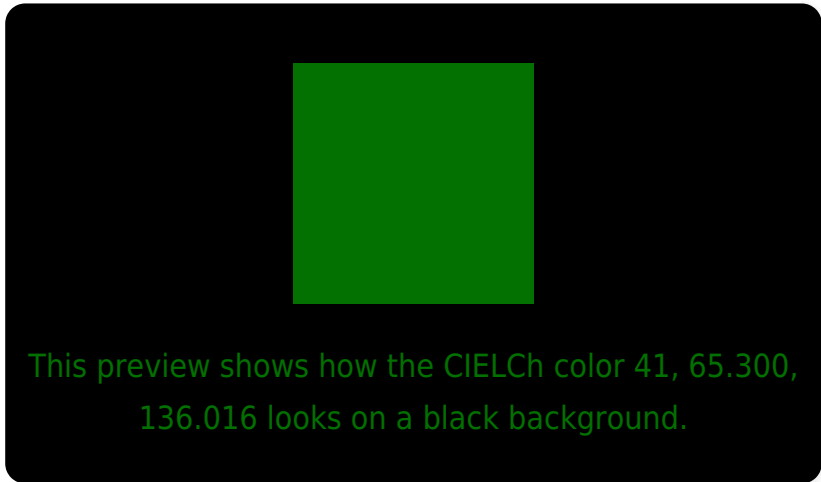
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

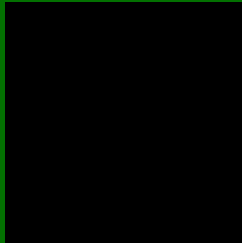
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 65.300, 136.016

Background



This preview shows how black text looks on a background with the CIELCh color 41, 65.300, 136.016.



This preview shows how white text looks on a background with the CIELCh color 41, 65.300, 136.016.

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, 65.329, 135.948

Protanopia

41, 48.148, 95.622

Deuteranopia

41, 40.998, 83.166



Tritanopia
41, 19.085, 214.183

Trichromacy



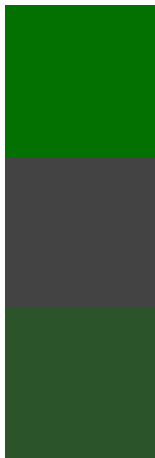
Original Color
41, 65.329, 135.948

Protanomaly
40, 52.318, 120.156

Deuteranomaly
39, 45.951, 116.758

Tritanomaly
40, 34.605, 157.908

Monochromacy



Original Color
41, 65.329, 135.948

Achromatopsia
28, 0.004, 296.813

Achromatomaly
32, 30.818, 140.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 65.300, 136.016 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(3, 113, 1)` looks like.

```
.text, #text, p{  
    color:rgb(3, 113, 1)  
}
```

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(3, 113, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 113, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 65.300, 136.016 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(3, 113, 1) }
```

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

```
.border{ border-color:rgb(3, 113, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 113, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 113, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 113, 1); box-shadow:4px  
4px 4px 4px rgb(3, 113, 1) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 65.300, 136.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 113, 1) }
```

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

```
.background{ background-color: rgb(3, 113,  
1) }
```

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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