

Converting Colors

CIELCh(43, 65.306, 136.658)

Have a look what the booklet for
CIELCh(43, 65.306, 136.658)
contains.

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Color

CIELCh(43, 65.114, 136.614)

Conversions

Conversions Part 1

Format	Color
Hex	0C760C
RGB	12, 118, 12
RGB Percent	5%, 46%, 5%
CMY	0.9527, 0.5356, 0.9544
CMYK	0.90, 0.00, 0.90, 0.54
HSL	120°, 82%, 25%
HSV	120°, 90%, 46%
XYZ	6.7433, 13.1578, 2.5201
YIQ	74.2220, -29.1500, -55.4380

Conversions

Conversions Part 2

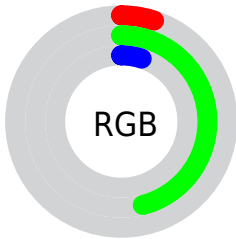
Format	Color
R_{YB}	12, 118, 118
Decimal	816652
CIE _{Lab}	43.00, -47.32, 44.73
CIE _{LCh}	43, 65.114, 136.614
Yxy	13.1578, 0.3008, 0.5868
Android (android.graphics.Color)	4279006732 (0xFF0C760C)
YUV	74.2220, -30.6754, -54.5687
Hunter-Lab	36.2736, -30.2956, 21.2724

Details

The CIELCh color **43, 65.114, 136.614** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **28, 63.231, 327.967**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 64.877, 136.700**, and **24, 46.003, 136.418** is the 20% darker color. If you saturate the color by 10%, you get **43, 67.917, 135.988**, and if you desaturate by 10%, it is **43, 61.291, 137.394**.

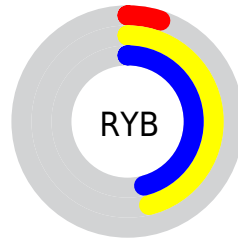
Distribution



Red (5%)

Green (46%)

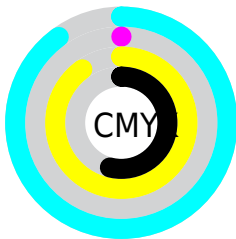
Blue (5%)



Red (5%)

Yellow (46%)

Blue (46%)

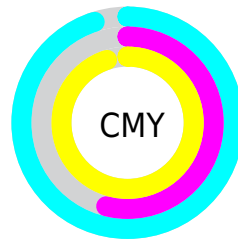


Cyan (90%)

Magenta (0%)

Yellow (90%)

Black (54%)



Cyan (95%)


Magenta (54%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 65.114, 136.614 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 43, 65.114, 136.614 by changing the saturation by 10% instead.


 43, 65.114,
136.614


 43, 65.114,
136.614


 100, 65.114,
136.614


 33, 65.114,
136.614


 63, 65.114,
136.614


 23, 65.114,
136.614

 73, 65.114,
136.614

 13, 65.114,
136.614

 83, 65.114,
136.614

 3, 65.114, 136.614

 93, 65.114,
136.614

 0, 65.114, 136.614

 43, 65.114,

 43, 65.114,

136.614

136.614

■ 43, 67.917,
135.988

■ 43, 61.291,
137.394

■ 44, 55.979,
138.383

■ 44, 49.477,
139.454

■ 45, 42.097,
140.508

■ 45, 34.116,
141.485

■ 46, 25.765,
142.358

■ 47, 17.229,
143.121

■ 49, 8.653, 143.786

Harmonies

Complementary

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



43, 65.114, 136.614



28, 63.231, 327.967

Rectangle

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



43, 65.114, 136.614



43, 65.114, 186.614



43, 65.114, 316.614



43, 65.114, 6.614

Sweetspot

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



43, 65.114, 136.615



59, 28.446, 142.560



48, 51.962, 102.209



30, 19.044, 142.353



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 65.114, 136.615



55, 81.779, 135.995



43, 47.068, 151.200



24, 4.743, 143.858



44, 69.550, 135.989



86, 117.940, 136.005

Inverse Universe

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



28, 63.231, 327.967



36, 78.939, 328.075



25, 46.796, 355.742



23, 4.751, 324.781



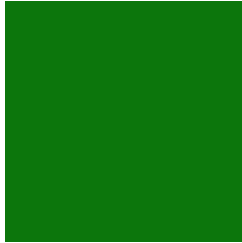
28, 67.140, 328.078



59, 113.829, 328.070

Previews

White Background



This preview shows how the CIELCh color 43, 65.114, 136.614 looks on a white background.

Color Contrast Check

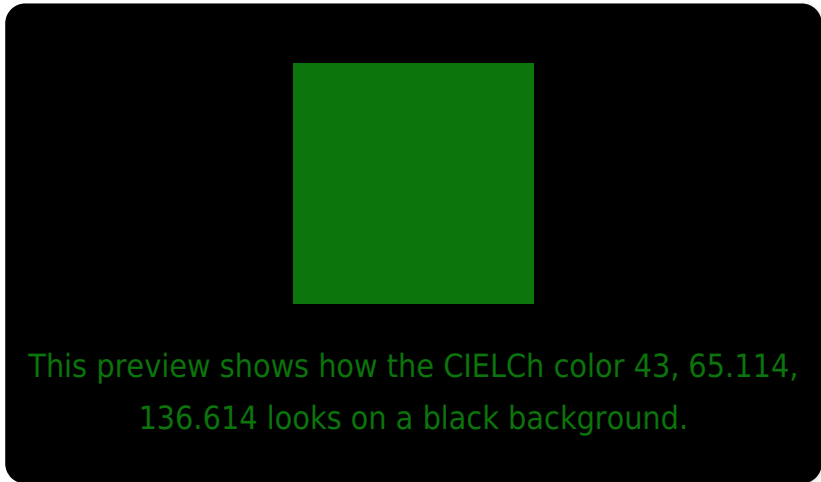
Large Text (above 18pt) WCAG AA ✓ Pass

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

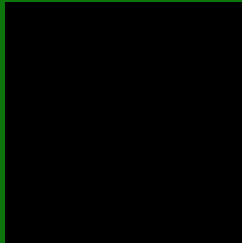
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 65.114, 136.614

Background



This preview shows how black text looks on a background with the CIELCh color 43, 65.114, 136.614.



This preview shows how white text looks on a background with the CIELCh color 43, 65.114, 136.614.

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


43, 64.862, 136.669

Protanopia

43, 49.571, 95.294

Deuteranopia

43, 41.803, 82.400



Tritanopia
43, 19.620, 213.574

Trichromacy



Original Color
43, 64.862, 136.669

Protanomaly
41, 52.469, 118.619

Deuteranomaly
41, 45.178, 115.309

Tritanomaly
42, 33.765, 159.829

Monochromacy



Original Color
43, 64.862, 136.669

Achromatopsia
31, 0.005, 296.813

Achromatomaly
35, 29.338, 141.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 65.114, 136.614 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(12, 118, 12)` looks like.

```
.text, #text, p{  
    color:rgb(12, 118, 12)  
}
```

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(12, 118, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 118, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 65.114, 136.614 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(12, 118, 12) }
```

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

```
.border{ border-color:rgb(12, 118, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 118, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 118, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 118, 12);  
box-shadow:4px 4px 4px 4px rgb(12, 118,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 65.114, 136.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 118, 12) }
```

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

```
.background{ background-color: rgb(12, 118,  
12) }
```

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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