

Converting Colors

CIELCh(41, 79.976, 154.097)

Have a look what the booklet for
CIELCh(41, 79.976, 154.097)
contains.

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Color

CIELCh(43, 60.524, 141.034)

Conversions

Conversions Part 1

Format	Color
Hex	00761F
RGB	0, 118, 31
RGB Percent	0%, 46%, 12%
CMY	1.0000, 0.5354, 0.8766
CMYK	1.00, 0.00, 0.73, 0.54
HSL	136°, 100%, 23%
HSV	136°, 100%, 46%
XYZ	6.7690, 13.1578, 3.5118
YIQ	72.8000, -42.4010, -52.0730

Conversions

Conversions Part 2

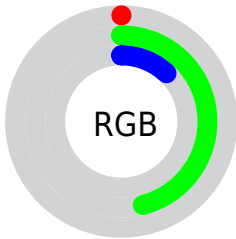
Format	Color
RYB	0, 93, 118
Decimal	30239
CIELab	43.00, -47.06, 38.06
CIELCh	43, 60.524, 141.034
Yxy	13.1578, 0.2888, 0.5614
Android (android.graphics.Color)	4278220319 (0xFF00761F)
YUV	72.8000, -20.6074, -63.8456
Hunter-Lab	36.2736, -30.1692, 19.6514

Details

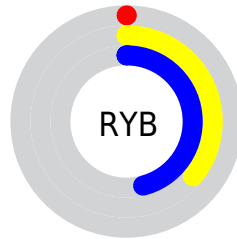
The CIELCh color **43, 60.524, 141.034** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **25, 53.951, 341.736**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 59.956, 140.955**, and **24, 46.003, 136.418** is the 20% darker color. If you saturate the color by 10%, you get **43, 60.444, 140.951**, and if you desaturate by 10%, it is **43, 56.607, 142.556**.

Distribution



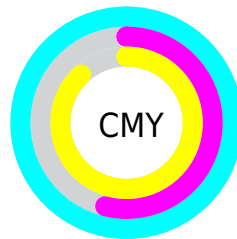
- Red (0%)
- Green (46%)
- Blue (12%)



- Red (0%)
- Yellow (36%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (54%)





- Cyan (100%)
- Magenta (54%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 60.524, 141.034 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, 60.524, 141.034 by changing the saturation by 10% instead.


 43, 60.524,
141.034


 43, 60.524,
141.034


 100, 60.524,
141.034


 33, 60.524,
141.034

 63, 60.524,
141.034


 23, 60.524,
141.034

 73, 60.524,
141.034

 13, 60.524,
141.034


 83, 60.524,
141.034

 3, 60.524, 141.034

 93, 60.524,
141.034


 0, 60.524, 141.034


 43, 60.524,


 43, 60.524,


141.034


141.034


 43, 60.444,
140.951


 43, 56.607,
142.556


 43, 52.143,
144.274


 44, 46.959,
145.870

 44, 41.151,
147.313

 45, 34.839,
148.593

 46, 28.152,
149.716

 47, 21.218,
150.697

 48, 14.152,
151.554

Harmonies

Complementary

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



43, 60.524, 141.034



25, 53.951, 341.736

Rectangle

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



43, 60.524, 141.034



43, 60.524, 191.034



43, 60.524, 321.034



43, 60.524, 11.034

Sweetspot

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



43, 60.444, 140.951



59, 26.159, 150.629



46, 57.013, 116.879



30, 17.719, 150.318



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, 60.444, 140.951



55, 73.603, 140.449



44, 37.155, 166.940



24, 3.934, 152.385



44, 61.980, 140.879



86, 107.783, 139.788

Inverse Universe

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



25, 53.951, 341.736



34, 64.657, 342.164



24, 50.298, 23.027



23, 3.951, 333.465



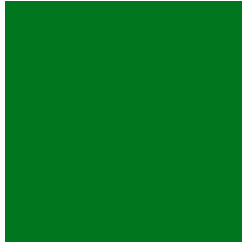
26, 55.197, 341.795



56, 92.676, 342.775

Previews

White Background



This preview shows how the CIELCh color 43, 60.524, 141.034 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 43, 60.524, 141.034 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 43, 60.524, 141.034

Background



This preview shows how black text looks on a background with the CIELCh color 43, 60.524, 141.034.



This preview shows how white text looks on a background with the CIELCh color 43, 60.524, 141.034.

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, 60.381, 140.875

Protanopia

43, 41.875, 95.847

Deuteranopia

43, 36.217, 80.882



Tritanopia
43, 20.259, 211.168

Trichromacy



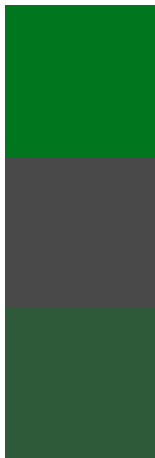
Original Color
43, 60.381, 140.875

Protanomaly
42, 46.343, 124.241

Deuteranomaly
41, 39.624, 121.022

Tritanomaly
43, 32.515, 165.852

Monochromacy



Original Color
43, 60.381, 140.875

Achromatopsia
31, 0.005, 296.813

Achromatomaly
34, 27.104, 149.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 60.524, 141.034 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(0, 118, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 31)  
}
```

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(0, 118, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 60.524, 141.034 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(0, 118, 31) }
```

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

```
.border{ border-color:rgb(0, 118, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 31);  
box-shadow:4px 4px 4px 4px rgb(0, 118, 31)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 60.524, 141.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 31) }
```

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

```
.background{ background-color: rgb(0, 118,  
31) }
```

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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