

Converting Colors

CIELCh(44, 60.671, 141.433)

Have a look what the booklet for
CIELCh(44, 60.671, 141.433)
contains.

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Color

CIELCh(44, 60.397, 141.545)

Conversions

Conversions Part 1

Format	Color
Hex	017923
RGB	1, 121, 35
RGB Percent	0%, 47%, 14%
CMY	0.9947, 0.5250, 0.8622
CMYK	0.99, 0.00, 0.71, 0.52
HSL	137°, 98%, 24%
HSV	137°, 99%, 48%
XYZ	7.1759, 13.8382, 3.8929
YIQ	75.3160, -43.9140, -52.1860

Conversions

Conversions Part 2

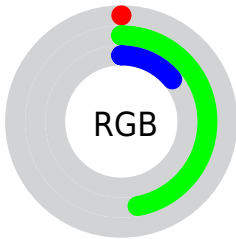
Format	Color
RYB	1, 95, 121
Decimal	96547
CIELab	44.00, -47.30, 37.56
CIELCh	44, 60.397, 141.545
Yxy	13.8382, 0.2881, 0.5556
Android (android.graphics.Color)	4278286627 (0xFF017923)
YUV	75.3160, -19.8758, -65.1751
Hunter-Lab	37.1997, -30.6667, 19.8351

Details

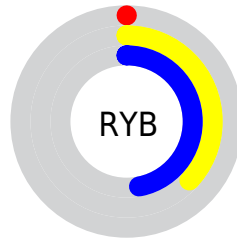
The CIELCh color **44, 60.397, 141.545** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 54.042, 342.707**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 60.769, 141.395**, and **25, 47.485, 136.239** is the 20% darker color. If you saturate the color by 10%, you get **44, 60.813, 141.381**, and if you desaturate by 10%, it is **44, 56.460, 143.243**.

Distribution



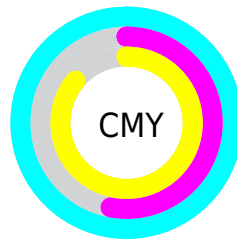
- Red (0%)
- Green (47%)
- Blue (14%)



- Red (0%)
- Yellow (37%)
- Blue (47%)



- Cyan (99%)
- Magenta (0%)
- Yellow (71%)
- Black (52%)




- Cyan (99%)
- Magenta (53%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 60.397, 141.545 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 44, 60.397, 141.545 by changing the saturation by 10% instead.


 44, 60.397,
141.545


 44, 60.397,
141.545


 100, 60.397,
141.545

 34, 60.397,
141.545

 64, 60.397,
141.545


 24, 60.397,
141.545

 74, 60.397,
141.545

 14, 60.397,
141.545

 84, 60.397,
141.545

 4, 60.397, 141.545

 94, 60.397,
141.545

 0, 60.397, 141.545

 44, 60.397,

 44, 60.397,

141.545

■ 44, 60.813,
141.381

141.545

■ 44, 56.460,
143.243

■ 44, 51.875,
144.983

■ 45, 46.586,
146.588

■ 45, 40.689,
148.031

■ 46, 34.300,
149.307

■ 47, 27.547,
150.426

■ 48, 20.557,
151.403

■ 49, 13.442,
152.259

Harmonies

Complementary

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



44, 60.397, 141.545



26, 54.042, 342.707

Rectangle

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



44, 60.397, 141.545



44, 60.397, 191.545



44, 60.397, 321.545



44, 60.397, 11.545

Sweetspot

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



44, 60.397, 141.545



61, 26.537, 151.231



47, 57.878, 117.693



31, 17.982, 150.908



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 60.397, 141.545



57, 74.683, 140.858



45, 36.805, 168.572



25, 4.029, 153.007



45, 62.279, 141.313



87, 107.518, 140.223

Inverse Universe

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



26, 54.042, 342.707



35, 65.481, 343.342



24, 51.168, 24.095



24, 4.047, 334.113



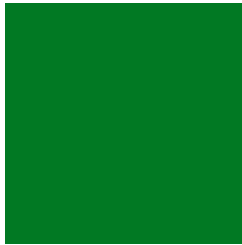
27, 55.400, 342.925



56, 92.355, 343.968

Previews

White Background



This preview shows how the CIE LCh color 44, 60.397, 141.545 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 44, 60.397, 141.545 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 44, 60.397, 141.545

Background



This preview shows how black text looks on a background with the CIELCh color 44, 60.397, 141.545.



This preview shows how white text looks on a background with the CIELCh color 44, 60.397, 141.545.

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

44, 60.397, 141.545

Protanopia

44, 41.064, 95.934

Deuteranopia

44, 36.087, 81.096



Tritanopia
44, 20.542, 212.695

Trichromacy



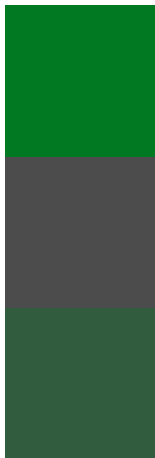
Original Color
44, 60.397, 141.545

Protanomaly
42, 45.714, 125.162

Deuteranomaly
42, 39.561, 121.061

Tritanomaly
44, 32.331, 167.021

Monochromacy



Original Color
44, 60.397, 141.545

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 26.314, 149.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 60.397, 141.545 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(1, 121, 35)` looks like.

```
.text, #text, p{  
    color:rgb(1, 121, 35)  
}
```

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(1, 121, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 121, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 60.397, 141.545 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(1, 121, 35) }
```

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

```
.border{ border-color:rgb(1, 121, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 121, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 121, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 121, 35);  
box-shadow:4px 4px 4px 4px rgb(1, 121, 35)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 60.397, 141.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 121, 35) }
```

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

```
.background{ background-color: rgb(1, 121,  
35) }
```

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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