

Converting Colors

CIELCh(41, 60.723, 139.577)

Have a look what the booklet for
CIELCh(41, 60.723, 139.577)
contains.

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Color

CIELCh(41, 60.555, 139.428)

Conversions

Conversions Part 1

Format	Color
Hex	007117
RGB	0, 113, 23
RGB Percent	0%, 44%, 9%
CMY	1.0000, 0.5570, 0.9099
CMYK	1.00, 0.00, 0.80, 0.56
HSL	132°, 100%, 22%
HSV	132°, 100%, 44%
XYZ	6.0550, 11.8645, 2.7798
YIQ	68.9530, -38.4580, -51.9460

Conversions

Conversions Part 2

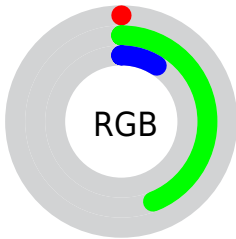
Format	Color
RYB	0, 94, 113
Decimal	28951
CIELab	41.00, -46.00, 39.39
CIELCh	41, 60.555, 139.428
Yxy	11.8645, 0.2925, 0.5732
Android (android.graphics.Color)	4278219031 (0xFF007117)
YUV	68.9530, -22.6548, -60.4718
Hunter-Lab	34.4449, -28.9004, 19.3266

Details

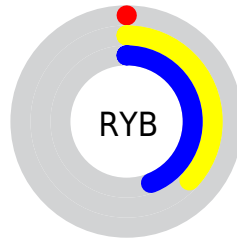
The CIELCh color **41, 60.555, 139.428** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **24, 54.502, 337.829**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 60.798, 139.391**, and **22, 43.432, 136.854** is the 20% darker color. If you saturate the color by 10%, you get **41, 60.550, 139.424**, and if you desaturate by 10%, it is **41, 56.900, 140.803**.

Distribution



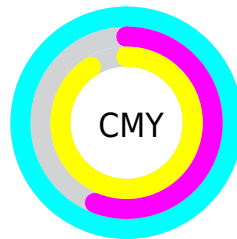
- Red (0%)
- Green (44%)
- Blue (9%)



- Red (0%)
- Yellow (37%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (56%)





- Cyan (100%)
- Magenta (56%)
- Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 60.555, 139.428 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, 60.555, 139.428 by changing the saturation by 10% instead.


 41, 60.555,
139.428

 41, 60.555,
139.428


 100, 60.555,
139.428


 31, 60.555,
139.428

 61, 60.555,
139.428


 21, 60.555,
139.428

 71, 60.555,
139.428


 11, 60.555,
139.428


 81, 60.555,
139.428

 1, 60.555, 139.428

 91, 60.555,
139.428

 0, 60.555, 139.428

 41, 60.555,

 41, 60.555,

139.428

139.428

■ 41, 60.550,
139.424

■ 41, 56.900,
140.803

■ 41, 52.520,
142.376

■ 42, 47.344,
143.874

■ 42, 41.501,
145.248

■ 43, 35.132,
146.478

■ 44, 28.380,
147.561

■ 44, 21.380,
148.506

■ 45, 14.252,
149.330

Harmonies

Complementary

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



41, 60.555, 139.428



24, 54.502, 337.829

Rectangle

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



41, 60.555, 139.428



41, 60.555, 189.428



41, 60.555, 319.428



41, 60.555, 9.428

Sweetspot

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



41, 60.550, 139.424



57, 26.657, 148.435



44, 54.444, 114.232



29, 18.052, 148.142



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, 60.550, 139.424



53, 74.387, 138.939



42, 38.121, 162.895



23, 3.966, 150.124



43, 63.337, 139.305



85, 110.688, 138.333

Inverse Universe

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



24, 54.502, 337.829



33, 65.940, 338.145



22, 47.469, 18.352



22, 3.979, 331.143



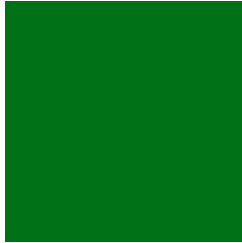
26, 56.799, 337.904



56, 96.203, 338.587

Previews

White Background



This preview shows how the CIELCh color 41, 60.555, 139.428 looks on a white background.

Color Contrast Check

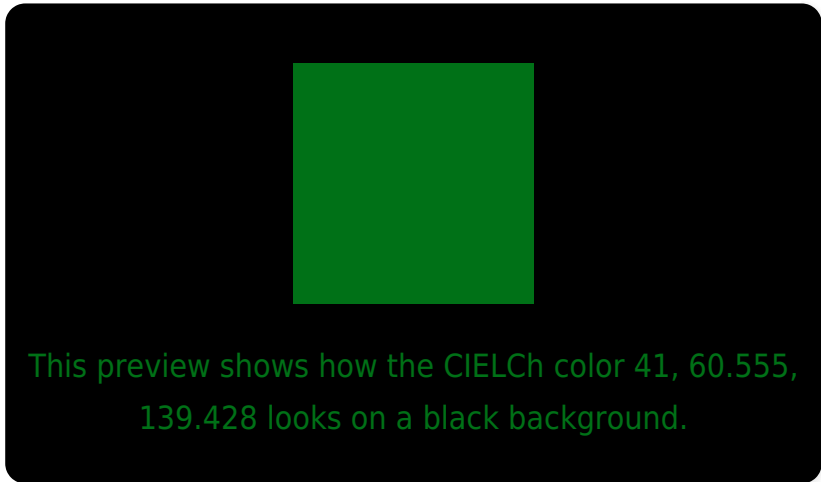
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.555, 139.428

Background



This preview shows how black text looks on a background with the CIELCh color 41, 60.555, 139.428.



This preview shows how white text looks on a background with the CIELCh color 41, 60.555, 139.428.

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, 60.555, 139.428

Protanopia

41, 42.834, 95.566

Deuteranopia

41, 37.547, 81.891



Tritanopia
41, 19.302, 213.967

Trichromacy



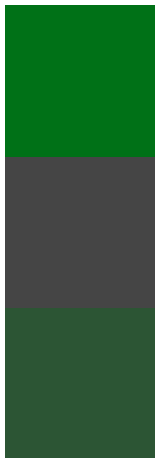
Original Color
41, 60.555, 139.428

Protanomaly
40, 47.503, 123.029

Deuteranomaly
39, 41.291, 119.483

Tritanomaly
41, 31.615, 164.578

Monochromacy



Original Color
41, 60.555, 139.428

Achromatopsia
29, 0.005, 296.813

Achromatomaly
32, 27.072, 146.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 60.555, 139.428 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, 113, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 23)  
}
```

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, 113, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 60.555, 139.428 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, 113, 23) }
```

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

```
.border{ border-color:rgb(0, 113, 23) }
```

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

Here you see how a box with a 4 pixel rgb(0, 113, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 23);  
box-shadow:4px 4px 4px 4px rgb(0, 113, 23)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 60.555, 139.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 23) }
```

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

```
.background{ background-color: rgb(0, 113,  
23) }
```

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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