

Converting Colors

CIELCh(41, 57.636, 141.334)

Have a look what the booklet for
CIELCh(41, 57.636, 141.334)
contains.

CIELCh(41, 57.894, 141.245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 57.894, 141.245)

Conversions

Conversions Part 1

Format	Color
Hex	00711F
RGB	0, 113, 31
RGB Percent	0%, 44%, 12%
CMY	0.9980, 0.5577, 0.8792
CMYK	1.00, 0.00, 0.73, 0.56
HSL	136°, 99%, 22%
HSV	136°, 100%, 44%
XYZ	6.1326, 11.8645, 3.2492
YIQ	69.8650, -41.0260, -49.4580

Conversions

Conversions Part 2

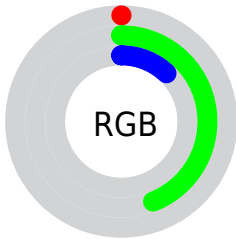
Format	Color
RYB	0, 89, 113
Decimal	28959
CIELab	41.00, -45.15, 36.24
CIELCh	41, 57.894, 141.245
Yxy	11.8645, 0.2886, 0.5584
Android (android.graphics.Color)	4278219039 (0xFF00711F)
YUV	69.8650, -19.1604, -61.2716
Hunter-Lab	34.4449, -28.4983, 18.5186

Details

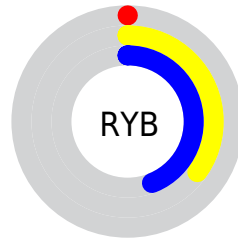
The CIELCh color **41, 57.894, 141.245** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **24, 51.927, 341.859**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 57.928, 141.310**, and **22, 43.432, 136.854** is the 20% darker color. If you saturate the color by 10%, you get **41, 58.052, 141.184**, and if you desaturate by 10%, it is **41, 54.133, 142.850**.

Distribution



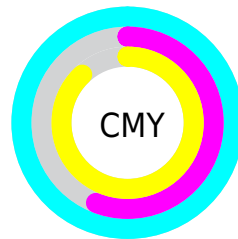
- Red (0%)
- Green (44%)
- Blue (12%)



- Red (0%)
- Yellow (35%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (56%)





- Cyan (100%)
- Magenta (56%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 57.894, 141.245 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, 57.894, 141.245 by changing the saturation by 10% instead.


 41, 57.894,
141.245


 41, 57.894,
141.245


 100, 57.894,
141.245


 31, 57.894,
141.245

 61, 57.894,
141.245


 21, 57.894,
141.245

 71, 57.894,
141.245

 11, 57.894,
141.245


 81, 57.894,
141.245

 1, 57.894, 141.245

 91, 57.894,
141.245

 0, 57.894, 141.245

 41, 57.894,

 41, 57.894,

141.245

141.245

■ 41, 58.052,
141.184

■ 41, 54.133,
142.850

■ 41, 49.788,
144.557

■ 42, 44.767,
146.138

■ 42, 39.163,
147.564

■ 43, 33.090,
148.827

■ 44, 26.669,
149.936

■ 44, 20.020,
150.906

■ 45, 13.250,
151.754

Harmonies

Complementary

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



41, 57.894, 141.245



24, 51.927, 341.859

Rectangle

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



41, 57.894, 141.245



41, 57.894, 191.245



41, 57.894, 321.245



41, 57.894, 11.245

Sweetspot

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



41, 57.894, 141.245



57, 25.365, 150.791



44, 55.145, 117.625



29, 17.174, 150.489



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, 57.894, 141.245



53, 71.506, 140.625



42, 35.014, 168.623



23, 3.778, 152.549



44, 60.817, 141.045



86, 106.644, 139.910

Inverse Universe

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



24, 51.927, 341.859



33, 62.929, 342.394



22, 48.719, 23.904



22, 3.795, 333.623



26, 54.241, 342.031



55, 91.706, 343.063

Previews

White Background



This preview shows how the CIELCh color 41, 57.894, 141.245 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 CIELCh color 41, 57.894, 141.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

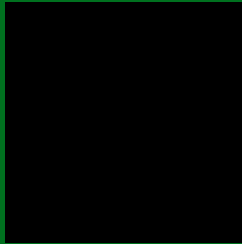
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 57.894, 141.245

Background



This preview shows how black text looks on a background with the CIELCh color 41, 57.894, 141.245.



This preview shows how white text looks on a background with the CIELCh color 41, 57.894, 141.245.

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, 57.957, 141.313

Protanopia

41, 39.650, 96.164

Deuteranopia

41, 34.483, 81.315



Tritanopia
41, 19.516, 213.759

Trichromacy



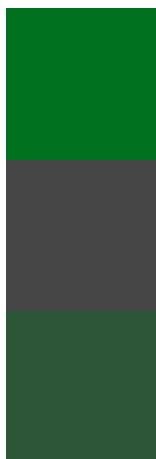
Original Color
41, 57.957, 141.313

Protanomaly
40, 44.590, 124.627

Deuteranomaly
39, 38.183, 121.087

Tritanomaly
41, 30.603, 167.414

Monochromacy



Original Color
41, 57.957, 141.313

Achromatopsia
30, 0.005, 296.813

Achromatomaly
33, 25.582, 149.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 57.894, 141.245 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, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 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, 113, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 57.894, 141.245 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, 31) }
```

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

```
.border{ border-color:rgb(0, 113, 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, 113, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 31);  
box-shadow:4px 4px 4px 4px rgb(0, 113, 31)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 57.894, 141.245 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, 31) }
```

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

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