

Converting Colors

CIELCh(43, 59.941, 140.458)

Have a look what the booklet for
CIELCh(43, 59.941, 140.458)
contains.

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Color

CIELCh(43, 59.916, 140.383)

Conversions

Conversions Part 1

Format	Color
Hex	09761F
RGB	9, 118, 31
RGB Percent	4%, 46%, 12%
CMY	0.9666, 0.5365, 0.8777
CMYK	0.93, 0.00, 0.74, 0.54
HSL	132°, 87%, 25%
HSV	132°, 93%, 46%
XYZ	6.8579, 13.1578, 3.4880
YIQ	75.4910, -37.0370, -50.1650

Conversions

Conversions Part 2

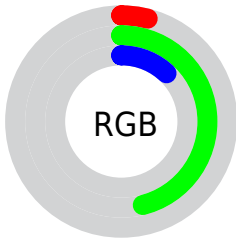
Format	Color
R_{YB}	9, 100, 118
Decimal	620063
CIE _{Lab}	43.00, -46.15, 38.21
CIE _{LCh}	43, 59.916, 140.383
Yxy	13.1578, 0.2918, 0.5598
Android (android.graphics.Color)	4278810143 (0xFF09761F)
YUV	75.4910, -21.9341, -58.3126
Hunter-Lab	36.2736, -29.7315, 19.6904

Details

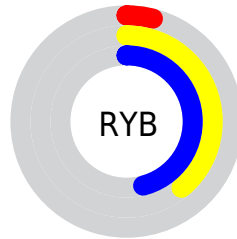
The CIELCh color **43, 59.916, 140.383** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 54.921, 337.404**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 59.436, 140.354**, and **24, 46.003, 136.418** is the 20% darker color. If you saturate the color by 10%, you get **43, 62.551, 139.413**, and if you desaturate by 10%, it is **43, 55.655, 141.978**.

Distribution



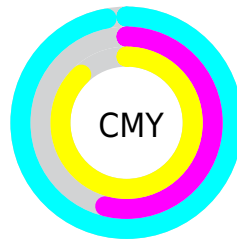
- Red (4%)
- Green (46%)
- Blue (12%)



- Red (4%)
- Yellow (39%)
- Blue (46%)



- Cyan (93%)
- Magenta (0%)
- Yellow (74%)
- Black (54%)





- Cyan (97%)
- Magenta (54%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 59.916, 140.383 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, 59.916, 140.383 by changing the saturation by 10% instead.


 43, 59.916,
140.383


 43, 59.916,
140.383


 100, 59.916,
140.383


 33, 59.916,
140.383

 63, 59.916,
140.383


 23, 59.916,
140.383

 73, 59.916,
140.383

 13, 59.916,
140.383

 83, 59.916,
140.383

 3, 59.916, 140.383

 93, 59.916,
140.383

 0, 59.916, 140.383

 43, 59.916,

 43, 59.916,

140.383

140.383

■ 43, 62.551,
139.413

■ 43, 55.655,
141.978

■ 44, 50.537,
143.520

■ 44, 44.686,
144.947

■ 45, 38.243,
146.231

■ 45, 31.357,
147.365

■ 46, 24.173,
148.356

■ 47, 16.822,
149.219

■ 48, 9.414, 149.975

Harmonies

Complementary

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



43, 59.916, 140.383



26, 54.921, 337.404

Rectangle

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



43, 59.916, 140.383



43, 59.916, 190.383



43, 59.916, 320.383



43, 59.916, 10.383

Sweetspot

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



43, 59.916, 140.384



59, 25.524, 148.725



46, 54.316, 114.053



30, 17.502, 148.416



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, 59.916, 140.384



55, 76.209, 138.965



44, 37.856, 164.094



24, 4.107, 150.239



44, 64.240, 139.344



86, 111.387, 138.395

Inverse Universe

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



26, 54.921, 337.404



34, 67.398, 338.387



24, 46.829, 15.526



23, 4.120, 331.270



27, 57.502, 338.131



56, 96.696, 338.811

Previews

White Background



This preview shows how the CIELCh color 43, 59.916, 140.383 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, 59.916, 140.383 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, 59.916, 140.383

Background



This preview shows how black text looks on a background with the CIELCh color 43, 59.916, 140.383.



This preview shows how white text looks on a background with the CIELCh color 43, 59.916, 140.383.

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, 59.859, 140.321

Protanopia

43, 41.537, 95.093

Deuteranopia

43, 36.217, 80.882



Tritanopia
43, 20.052, 213.173

Trichromacy



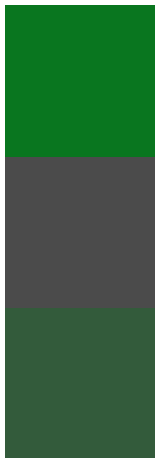
Original Color
43, 59.859, 140.321

Protanomaly
41, 45.316, 122.483

Deuteranomaly
41, 39.226, 119.160

Tritanomaly
43, 31.468, 166.057

Monochromacy



Original Color
43, 59.859, 140.321

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 26.102, 147.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 59.916, 140.383 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(9, 118, 31)` looks like.

```
.text, #text, p{  
    color:rgb(9, 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(9, 118, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 118, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 59.916, 140.383 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(9, 118, 31) }
```

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

```
.border{ border-color:rgb(9, 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(9, 118, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 118, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 118, 31);  
box-shadow:4px 4px 4px 4px rgb(9, 118, 31)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 59.916, 140.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 118, 31) }
```

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

```
.background{ background-color: rgb(9, 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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