

Converting Colors

CIELCh(44, 40.353, 158.989)

Have a look what the booklet for
CIELCh(44, 40.353, 158.989)
contains.

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Color

CIELCh(44, 40.330, 159.108)

Conversions

Conversions Part 1

Format	Color
Hex	10774F
RGB	16, 119, 79
RGB Percent	6%, 47%, 31%
CMY	0.9381, 0.5338, 0.6906
CMYK	0.87, 0.00, 0.34, 0.53
HSL	157°, 77%, 26%
HSV	157°, 87%, 47%
XYZ	8.2010, 13.8382, 9.6163
YIQ	83.6430, -48.5480, -34.2760

Conversions

Conversions Part 2

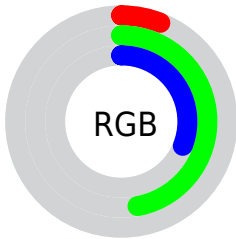
Format	Color
R_{YB}	16, 80, 119
Decimal	1079119
CIE _{Lab}	44.00, -37.68, 14.38
CIE _{LCh}	44, 40.330, 159.108
Yxy	13.8382, 0.2591, 0.4371
Android (android.graphics.Color)	4279269199 (0xFF10774F)
YUV	83.6430, -2.2890, -59.3229
Hunter-Lab	37.1997, -25.7479, 10.7130

Details

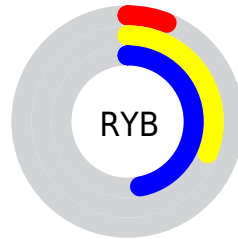
The CIELCh color **44, 40.330, 159.108** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **25, 44.988, 5.327**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 40.376, 158.928**, and **25, 33.090, 151.603** is the 20% darker color. If you saturate the color by 10%, you get **44, 43.084, 157.121**, and if you desaturate by 10%, it is **44, 37.145, 160.964**.

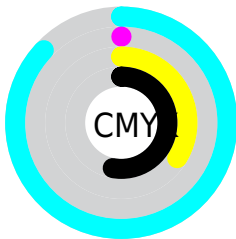
Distribution



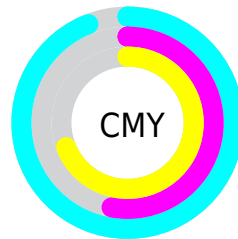
- Red (6%)
- Green (47%)
- Blue (31%)



- Red (6%)
- Yellow (31%)
- Blue (47%)



- Cyan (87%)
- Magenta (0%)
- Yellow (34%)
- Black (53%)



- Cyan (94%)
- Magenta (53%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 40.330, 159.108 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, 40.330, 159.108 by changing the saturation by 10% instead.


 44, 40.330,
159.108


 44, 40.330,
159.108


 100, 40.330,
159.108

 34, 40.330,
159.108

 64, 40.330,
159.108

 24, 40.330,
159.108

 74, 40.330,
159.108

 14, 40.330,
159.108

 84, 40.330,
159.108

 4, 40.330, 159.108

 94, 40.330,
159.108

 0, 40.330, 159.108

 44, 40.330,

 44, 40.330,

159.108

■ 44, 43.084,
157.121

■ 44, 43.974,
156.510

159.108

■ 44, 37.145,
160.964

■ 45, 33.450,
162.629

■ 45, 29.275,
164.117

■ 46, 24.681,
165.449

■ 46, 19.743,
166.646

■ 47, 14.547,
167.732

■ 48, 9.175, 168.727

■ 49, 3.701, 169.680

Harmonies

Complementary

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



44, 40.330, 159.108



25, 44.988, 5.327

Rectangle

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



44, 40.330, 159.108



44, 40.330, 209.108



44, 40.330, 339.108



44, 40.330, 29.108

Sweetspot

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



44, 40.330, 159.108



61, 17.637, 167.738



44, 58.927, 129.757



31, 12.014, 167.447



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, 40.330, 159.108



57, 54.043, 155.880



42, 24.698, 211.642



24, 3.063, 169.458



45, 44.961, 156.434



87, 78.116, 155.084

Inverse Universe

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



25, 44.988, 5.327



33, 58.671, 12.071



26, 49.897, 38.091



23, 3.120, 350.891



25, 49.191, 10.786



53, 83.945, 13.952

Previews

White Background



This preview shows how the CIELCh color 44, 40.330, 159.108 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 44, 40.330, 159.108 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, 40.330, 159.108

Background



This preview shows how black text looks on a background with the CIELCh color 44, 40.330, 159.108.



This preview shows how white text looks on a background with the CIELCh color 44, 40.330, 159.108.

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, 40.330, 159.108

Protanopia

44, 18.874, 94.799

Deuteranopia

44, 13.573, 64.517



Tritanopia
44, 21.947, 213.221

Trichromacy



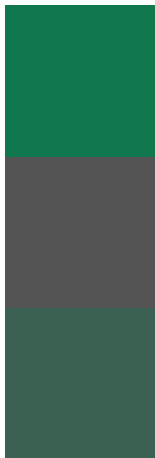
Original Color
44, 40.330, 159.108

Protanomaly
43, 24.439, 140.981

Deuteranomaly
42, 17.679, 143.062

Tritanomaly
44, 26.236, 185.857

Monochromacy



Original Color
44, 40.330, 159.108

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 17.868, 166.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 40.330, 159.108 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(16, 119, 79)` looks like.

```
.text, #text, p{  
    color:rgb(16, 119, 79)  
}
```

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(16, 119, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 119, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 40.330, 159.108 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(16, 119, 79) }
```

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

```
.border{ border-color:rgb(16, 119, 79) }
```

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

Here you see how a box with a 4 pixel rgb(16, 119, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 119, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 119, 79);  
box-shadow:4px 4px 4px 4px rgb(16, 119,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 40.330, 159.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 119, 79) }
```

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

```
.background{ background-color: rgb(16, 119,  
79) }
```

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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