

Converting Colors

CIELCh(44, 39.543, 158.914)

Have a look what the booklet for
CIELCh(44, 39.543, 158.914)
contains.

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Color

CIELCh(44, 39.859, 158.682)

Conversions

Conversions Part 1

Format	Color
Hex	15774F
RGB	21, 119, 79
RGB Percent	8%, 47%, 31%
CMY	0.9196, 0.5345, 0.6913
CMYK	0.83, 0.00, 0.34, 0.53
HSL	156°, 71%, 27%
HSV	156°, 83%, 47%
XYZ	8.2620, 13.8382, 9.5812
YIQ	85.1380, -45.5680, -33.2160

Conversions

Conversions Part 2

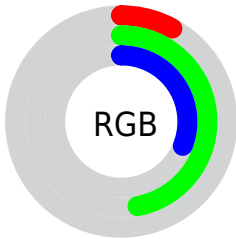
Format	Color
R_{YB}	21, 83, 119
Decimal	1406799
CIE _{Lab}	44.00, -37.13, 14.49
CIE _{LCh}	44, 39.859, 158.682
Yxy	13.8382, 0.2608, 0.4368
Android (android.graphics.Color)	4279596879 (0xFF15774F)
YUV	85.1380, -3.0260, -56.2490
Hunter-Lab	37.1997, -25.4550, 10.7690

Details

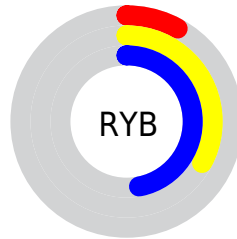
The CIELCh color **44, 39.859, 158.682** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **26, 43.894, 2.314**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 39.958, 158.524**, and **25, 33.090, 151.603** is the 20% darker color. If you saturate the color by 10%, you get **44, 42.850, 156.702**, and if you desaturate by 10%, it is **44, 36.363, 160.471**.

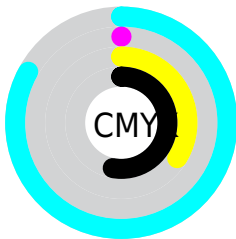
Distribution



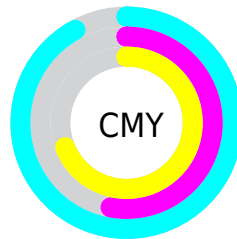
- Red (8%)
- Green (47%)
- Blue (31%)



- Red (8%)
- Yellow (33%)
- Blue (47%)



- Cyan (83%)
- Magenta (0%)
- Yellow (34%)
- Black (53%)



- Cyan (92%)
- Magenta (53%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 39.859, 158.682 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, 39.859, 158.682 by changing the saturation by 10% instead.

 44, 39.859,
158.682


 44, 39.859,
158.682

 100, 39.859,
158.682


 34, 39.859,
158.682

 64, 39.859,
158.682

 24, 39.859,
158.682

 74, 39.859,
158.682

 14, 39.859,
158.682

 84, 39.859,
158.682

 4, 39.859, 158.682

 94, 39.859,
158.682

 0, 39.859, 158.682

 44, 39.859,

 44, 39.859,

158.682

158.682

■ 44, 42.850,
156.702

■ 44, 36.363,
160.471

■ 44, 44.894,
155.304

■ 45, 32.366,
162.071

■ 45, 27.914,
163.499

■ 46, 23.076,
164.777

■ 47, 17.935,
165.926

■ 48, 12.577,
166.969

■ 49, 7.081, 167.931

■ 50, 1.518, 168.953

Harmonies

Complementary

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



44, 39.859, 158.682



26, 43.894, 2.314

Rectangle

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



44, 39.859, 158.682



44, 39.859, 208.682



44, 39.859, 338.682



44, 39.859, 28.682

Sweetspot

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



44, 39.859, 158.682



61, 17.219, 166.675



44, 56.874, 129.140



31, 11.808, 166.380



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, 39.859, 158.682



57, 54.933, 154.869



42, 24.669, 208.485



24, 3.103, 168.278



45, 45.958, 155.223



87, 79.906, 153.867

Inverse Universe

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



26, 43.894, 2.314



33, 58.261, 9.796



26, 47.760, 36.528



23, 3.156, 349.698



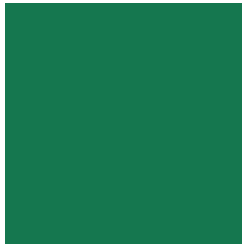
25, 49.088, 8.983



53, 83.582, 12.062

Previews

White Background



This preview shows how the CIELCh color 44, 39.859, 158.682 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, 39.859, 158.682 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, 39.859, 158.682

Background



This preview shows how black text looks on a background with the CIELCh color 44, 39.859, 158.682.



This preview shows how white text looks on a background with the CIELCh color 44, 39.859, 158.682.

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, 39.859, 158.682

Protanopia

44, 18.874, 94.799

Deuteranopia

44, 13.573, 64.517



Tritanopia
44, 21.549, 211.863

Trichromacy



Original Color
44, 39.859, 158.682

Protanomaly
43, 24.487, 138.766

Deuteranomaly
42, 17.714, 139.922

Tritanomaly
44, 25.977, 184.420

Monochromacy



Original Color
44, 39.859, 158.682

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 16.598, 166.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 39.859, 158.682 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(21, 119, 79)` looks like.

```
.text, #text, p{  
    color:rgb(21, 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(21, 119, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 119, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 39.859, 158.682 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(21, 119, 79) }
```

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

```
.border{ border-color:rgb(21, 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(21, 119, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 119, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 119, 79);  
box-shadow:4px 4px 4px 4px rgb(21, 119,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 39.859, 158.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 119, 79) }
```

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

```
.background{ background-color: rgb(21, 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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