

Converting Colors

CIELCh(44, 39.595, 162.767)

Have a look what the booklet for
CIELCh(44, 39.595, 162.767)
contains.

CIELCh(44, 39.701, 162.514)	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(44, 39.701, 162.514)

Conversions

Conversions Part 1

Format	Color
Hex	017753
RGB	1, 119, 83
RGB Percent	0%, 47%, 33%
CMY	0.9956, 0.5331, 0.6743
CMYK	0.99, 0.00, 0.30, 0.53
HSL	162°, 98%, 24%
HSV	162°, 99%, 47%
XYZ	8.1800, 13.8382, 10.4329
YIQ	79.6140, -58.7720, -36.2120

Conversions

Conversions Part 2

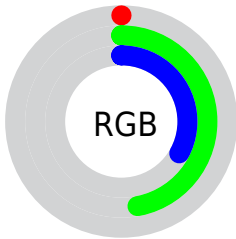
Format	Color
RYB	1, 71, 119
Decimal	96083
CIELab	44.00, -37.87, 11.93
CIELCh	44, 39.701, 162.514
Yxy	13.8382, 0.2521, 0.4264
Android (android.graphics.Color)	4278286163 (0xFF017753)
YUV	79.6140, 1.6693, -68.9445
Hunter-Lab	37.1997, -25.8482, 9.4115

Details

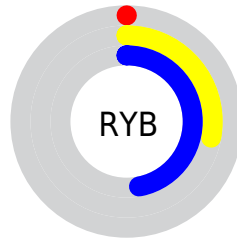
The CIELCh color **44, 39.701, 162.514** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **24, 48.943, 17.832**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 39.509, 162.858**, and **25, 31.208, 154.667** is the 20% darker color. If you saturate the color by 10%, you get **44, 39.915, 162.346**, and if you desaturate by 10%, it is **44, 37.458, 164.390**.

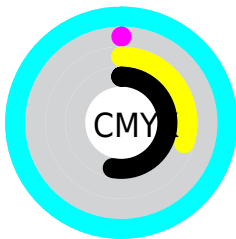
Distribution



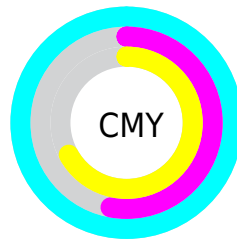
- Red (0%)
- Green (47%)
- Blue (33%)



- Red (0%)
- Yellow (28%)
- Blue (47%)



- Cyan (99%)
- Magenta (0%)
- Yellow (30%)
- Black (53%)




- Cyan (100%)
- Magenta (53%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 39.701, 162.514 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, 39.701, 162.514 by changing the saturation by 10% instead.


 44, 39.701,
162.514


 44, 39.701,
162.514


 100, 39.701,
162.514


 34, 39.701,
162.514

 64, 39.701,
162.514


 24, 39.701,
162.514

 74, 39.701,
162.514

 14, 39.701,
162.514

 84, 39.701,
162.514

 4, 39.701, 162.514

 94, 39.701,
162.514

 0, 39.701, 162.514

 44, 39.701,

 44, 39.701,

162.514

162.514

■ 44, 39.915,
162.346

■ 44, 37.458,
164.390

■ 44, 34.869,
166.196

■ 45, 31.763,
167.822

■ 45, 28.155,
169.282

■ 46, 24.090,
170.599

■ 46, 19.637,
171.793

■ 47, 14.874,
172.887

■ 48, 9.881, 173.900

Harmonies

Complementary

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



44, 39.701, 162.514



24, 48.943, 17.832

Rectangle

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



44, 39.701, 162.514



44, 39.701, 212.514



44, 39.701, 342.514



44, 39.701, 32.514

Sweetspot

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



44, 39.701, 162.513



61, 19.068, 172.706



44, 64.722, 132.305



31, 13.034, 172.338



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, 39.701, 162.513



57, 48.913, 161.750



38, 24.750, 230.157



24, 2.908, 174.870



45, 40.760, 162.277



88, 70.536, 160.989

Inverse Universe

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



24, 48.943, 17.832



32, 60.216, 19.798



25, 54.414, 42.432



23, 2.980, 356.338



25, 50.281, 18.408



53, 86.679, 21.802

Previews

White Background



This preview shows how the CIELCh color 44, 39.701, 162.514 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, 39.701, 162.514 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, 39.701, 162.514

Background



This preview shows how black text looks on a background with the CIELCh color 44, 39.701, 162.514.



This preview shows how white text looks on a background with the CIELCh color 44, 39.701, 162.514.

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, 39.701, 162.514

Protanopia
44, 16.924, 96.917

Deuteranopia
44, 11.555, 61.999



Tritanopia
44, 22.677, 211.000

Trichromacy



Original Color
44, 39.701, 162.514

Protanomaly
43, 23.960, 148.319

Deuteranomaly
42, 18.054, 153.013

Tritanomaly
44, 27.457, 186.231

Monochromacy



Original Color
44, 39.701, 162.514

Achromatopsia
34, 0.005, 296.813

Achromatomaly
37, 18.664, 171.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 39.701, 162.514 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(1, 119, 83)` looks like.

```
.text, #text, p{  
    color:rgb(1, 119, 83)  
}
```

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(1, 119, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 119, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 39.701, 162.514 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(1, 119, 83) }
```

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

```
.border{ border-color:rgb(1, 119, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 119, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 119, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 119, 83);  
box-shadow:4px 4px 4px 4px rgb(1, 119, 83)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 39.701, 162.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 119, 83) }
```

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

```
.background{ background-color: rgb(1, 119,  
83) }
```

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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