

Converting Colors

CIELCh(44, 38.802, 160.895)

Have a look what the booklet for
CIELCh(44, 38.802, 160.895)
contains.

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Color

CIELCh(44, 38.907, 160.861)

Conversions

Conversions Part 1

Format	Color
Hex	117752
RGB	17, 119, 82
RGB Percent	7%, 47%, 32%
CMY	0.9320, 0.5347, 0.6797
CMYK	0.85, 0.00, 0.31, 0.53
HSL	158°, 74%, 27%
HSV	158°, 85%, 47%
XYZ	8.3041, 13.8382, 10.1527
YIQ	84.2840, -48.9150, -33.1310

Conversions

Conversions Part 2

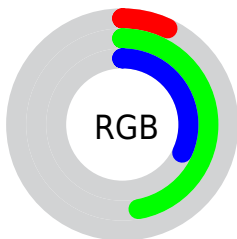
Format	Color
RYB	17, 79, 119
Decimal	1144658
CIELab	44.00, -36.76, 12.76
CIELCh	44, 38.907, 160.861
Yxy	13.8382, 0.2571, 0.4285
Android (android.graphics.Color)	4279334738 (0xFF117752)
YUV	84.2840, -1.1260, -59.0081
Hunter-Lab	37.1997, -25.2532, 9.8582

Details

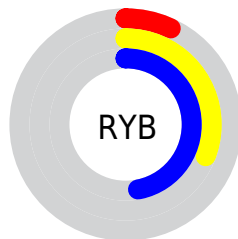
The CIELCh color **44, 38.907, 160.861** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **25, 44.500, 6.758**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 38.853, 161.335**, and **25, 31.678, 153.867** is the 20% darker color. If you saturate the color by 10%, you get **44, 41.562, 158.891**, and if you desaturate by 10%, it is **44, 35.789, 162.672**.

Distribution



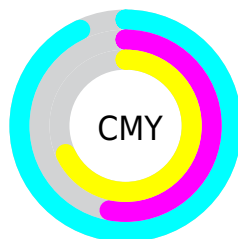
- Red (7%)
- Green (47%)
- Blue (32%)



- Red (7%)
- Yellow (31%)
- Blue (47%)



- Cyan (85%)
- Magenta (0%)
- Yellow (31%)
- Black (53%)



- Cyan (93%)
- Magenta (53%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 38.907, 160.861 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, 38.907, 160.861 by changing the saturation by 10% instead.

 44, 38.907,
160.861


 44, 38.907,
160.861


 100, 38.907,
160.861


 34, 38.907,
160.861

 64, 38.907,
160.861


 24, 38.907,
160.861

 74, 38.907,
160.861

 14, 38.907,
160.861

 84, 38.907,
160.861

 4, 38.907, 160.861

 94, 38.907,
160.861

 0, 38.907, 160.861

 44, 38.907,

 44, 38.907,

160.861

160.861

■ 44, 41.562,
158.891

■ 44, 35.789,
162.672

■ 44, 42.757,
158.027

■ 45, 32.163,
164.297

■ 45, 28.062,
165.751

■ 46, 23.545,
167.056

■ 47, 18.691,
168.234

■ 47, 13.581,
169.307

■ 48, 8.297, 170.297

■ 49, 2.911, 171.266

Harmonies

Complementary

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



44, 38.907, 160.861



25, 44.500, 6.758

Rectangle

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



44, 38.907, 160.861



44, 38.907, 210.861



44, 38.907, 340.861



44, 38.907, 30.861

Sweetspot

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



44, 38.907, 160.860



60, 17.112, 169.177



44, 58.847, 130.630



30, 11.495, 168.898



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44, 38.907, 160.860



56, 51.937, 157.432



41, 24.013, 217.222



24, 3.017, 170.903



45, 43.780, 157.947



87, 75.990, 156.608

Inverse Universe

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



25, 44.500, 6.758



32, 58.249, 14.169



26, 48.240, 39.209



23, 3.078, 352.351



25, 49.390, 12.928



53, 84.516, 16.182

Previews

White Background



This preview shows how the CIE LCh color 44, 38.907, 160.861 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 44, 38.907, 160.861 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, 38.907, 160.861

Background



This preview shows how black text looks on a background with the CIELCh color 44, 38.907, 160.861.



This preview shows how white text looks on a background with the CIELCh color 44, 38.907, 160.861.

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, 38.999, 160.939

Protanopia

44, 17.048, 95.375

Deuteranopia

44, 12.326, 62.477



Tritanopia
44, 21.947, 213.221

Trichromacy



Original Color

44, 38.999, 160.939



Protanomaly

43, 23.450, 142.542



Deuteranomaly

43, 17.155, 144.192



Tritanomaly

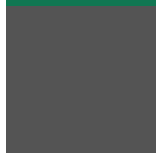
44, 25.838, 187.099

Monochromacy



Original Color

44, 38.999, 160.939



Achromatopsia

36, 0.005, 296.813



Achromatomaly

38, 17.201, 167.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 38.907, 160.861 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(17, 119, 82)` looks like.

```
.text, #text, p{  
    color:rgb(17, 119, 82)  
}
```

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(17, 119, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 119, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 38.907, 160.861 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(17, 119, 82) }
```

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

```
.border{ border-color:rgb(17, 119, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 119, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 119, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 119, 82);  
box-shadow:4px 4px 4px 4px rgb(17, 119,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 38.907, 160.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 119, 82) }
```

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

```
.background{ background-color: rgb(17, 119,  
82) }
```

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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