

Converting Colors

CIELCh(43, 46.817, 174.763)

Have a look what the booklet for
CIELCh(43, 46.817, 174.763)
contains.

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Color

CIELCh(44, 35.860, 169.816)

Conversions

Conversions Part 1

Format	Color
Hex	00765C
RGB	0, 118, 92
RGB Percent	0%, 46%, 36%
CMY	1.0000, 0.5354, 0.6373
CMYK	1.00, 0.00, 0.22, 0.54
HSL	167°, 100%, 23%
HSV	167°, 100%, 46%
XYZ	8.4692, 13.8382, 12.4633
YIQ	79.7540, -61.9820, -33.1020

Conversions

Conversions Part 2

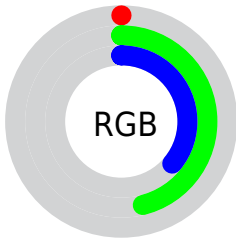
Format	Color
RYB	0, 66, 118
Decimal	30300
CIELab	44.00, -35.30, 6.34
CIELCh	44, 35.860, 169.816
Yxy	13.8382, 0.2436, 0.3980
Android (android.graphics.Color)	4278220380 (0xFF00765C)
YUV	79.7540, 6.0373, -69.9443
Hunter-Lab	37.1997, -24.4606, 6.1754

Details

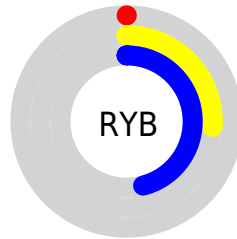
The CIELCh color **44, 35.860, 169.816** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **24, 51.143, 25.567**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 35.808, 169.515**, and **25, 26.921, 162.777** is the 20% darker color. If you saturate the color by 10%, you get **44, 35.771, 169.758**, and if you desaturate by 10%, it is **44, 34.042, 171.409**.

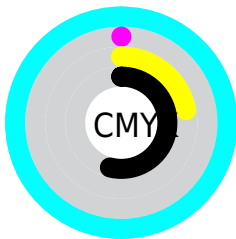
Distribution



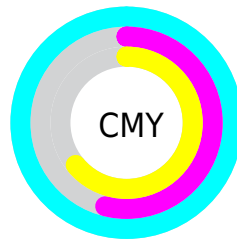
- Red (0%)
- Green (46%)
- Blue (36%)



- Red (0%)
- Yellow (26%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (54%)





- Cyan (100%)
- Magenta (54%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 35.860, 169.816 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, 35.860, 169.816 by changing the saturation by 10% instead.


 44, 35.860,
169.816


 44, 35.860,
169.816


 100, 35.860,
169.816


 34, 35.860,
169.816

 64, 35.860,
169.816


 24, 35.860,
169.816

 74, 35.860,
169.816

 14, 35.860,
169.816

 84, 35.860,
169.816

 4, 35.860, 169.816

 94, 35.860,
169.816

 0, 35.860, 169.816

 44, 35.860,

 44, 35.860,

169.816

■ 44, 35.771,
169.758

169.816

■ 44, 34.042,
171.409

■ 44, 32.005,
173.015

■ 45, 29.442,
174.466

■ 45, 26.356,
175.780

■ 46, 22.783,
176.978

■ 46, 18.784,
178.080

■ 47, 14.431,
179.105

■ 48, 9.800, 180.071

Harmonies

Complementary

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



44, 35.860, 169.816



24, 51.143, 25.567

Rectangle

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



44, 35.860, 169.816



44, 35.860, 219.816



44, 35.860, 349.816



44, 35.860, 39.816

Sweetspot

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



44, 35.771, 169.758



60, 17.767, 179.032



43, 65.994, 133.790



30, 11.960, 178.700



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, 35.771, 169.758



56, 43.340, 169.252



34, 26.155, 247.592



24, 2.776, 181.099



45, 36.653, 169.687



88, 63.080, 168.550

Inverse Universe

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



24, 51.143, 25.567



32, 62.245, 27.077



26, 52.834, 46.182



23, 2.866, 2.532



24, 52.435, 25.781



52, 91.247, 29.107

Previews

White Background



This preview shows how the CIELCh color 44, 35.860, 169.816 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, 35.860, 169.816 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, 35.860, 169.816

Background



This preview shows how black text looks on a background with the CIELCh color 44, 35.860, 169.816.



This preview shows how white text looks on a background with the CIELCh color 44, 35.860, 169.816.

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, 35.717, 169.659

Protanopia

44, 11.618, 95.323

Deuteranopia

44, 7.107, 34.727



Tritanopia
44, 23.180, 212.217

Trichromacy



Original Color
44, 35.717, 169.659

Protanomaly
43, 20.227, 158.497

Deuteranomaly
42, 15.055, 168.855

Tritanomaly
44, 26.629, 192.586

Monochromacy



Original Color
44, 35.717, 169.659

Achromatopsia
34, 0.005, 296.813

Achromatomaly
37, 17.408, 178.385

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 44, 35.860, 169.816 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(0, 118, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 92)  
}
```

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(0, 118, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 35.860, 169.816 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(0, 118, 92) }
```

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

```
.border{ border-color:rgb(0, 118, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 118, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 35.860, 169.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 92) }
```

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

```
.background{ background-color: rgb(0, 118,  
92) }
```

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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