

Converting Colors

CIELCh(44, 36.001, 167.357)

Have a look what the booklet for
CIELCh(44, 36.001, 167.357)
contains.

CIELCh(44, 35.814, 167.627)	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, 35.814, 167.627)

Conversions

Conversions Part 1

Format	Color
Hex	0B765A
RGB	11, 118, 90
RGB Percent	4%, 46%, 35%
CMY	0.9578, 0.5361, 0.6460
CMYK	0.91, 0.00, 0.24, 0.54
HSL	164°, 83%, 25%
HSV	164°, 91%, 46%
XYZ	8.5049, 13.8382, 11.9568
YIQ	82.8150, -54.7840, -31.3920

Conversions

Conversions Part 2

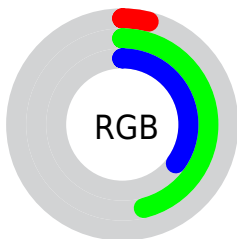
Format	Color
RYB	11, 73, 118
Decimal	751194
CIELab	44.00, -34.98, 7.67
CIElCh	44, 35.814, 167.627
Yxy	13.8382, 0.2480, 0.4034
Android (android.graphics.Color)	4278941274 (0xFF0B765A)
YUV	82.8150, 3.5422, -62.9818
Hunter-Lab	37.1997, -24.2895, 6.9827

Details

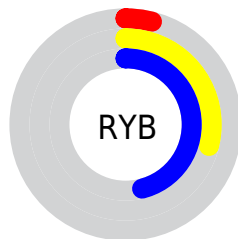
The CIELCh color **44, 35.814, 167.627** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **24, 46.840, 18.051**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 35.847, 167.566**, and **25, 27.824, 160.700** is the 20% darker color. If you saturate the color by 10%, you get **44, 37.603, 166.021**, and if you desaturate by 10%, it is **44, 33.589, 169.370**.

Distribution



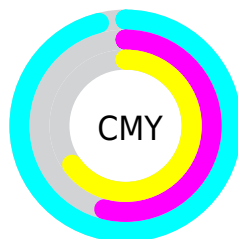
- Red (4%)
- Green (46%)
- Blue (35%)



- Red (4%)
- Yellow (29%)
- Blue (46%)



- Cyan (91%)
- Magenta (0%)
- Yellow (24%)
- Black (54%)





- Cyan (96%)
- Magenta (54%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 35.814, 167.627 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, 35.814, 167.627 by changing the saturation by 10% instead.


 44, 35.814,
167.627


 44, 35.814,
167.627


 100, 35.814,
167.627


 34, 35.814,
167.627

 64, 35.814,
167.627


 24, 35.814,
167.627

 74, 35.814,
167.627

 14, 35.814,
167.627

 84, 35.814,
167.627

 4, 35.814, 167.627

 94, 35.814,
167.627

 0, 35.814, 167.627

 44, 35.814,

 44, 35.814,

167.627

167.627

■ 44, 37.603,
166.021

■ 44, 33.589,
169.370

■ 45, 30.847,
170.942

■ 45, 27.590,
172.360

■ 45, 23.857,
173.643

■ 46, 19.708,
174.813

■ 47, 15.217,
175.891

■ 48, 10.463,
176.896

■ 49, 5.520, 177.855

Harmonies

Complementary

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



44, 35.814, 167.627



24, 46.840, 18.051

Rectangle

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



44, 35.814, 167.627



44, 35.814, 217.627



44, 35.814, 347.627



44, 35.814, 37.627

Sweetspot

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



44, 35.814, 167.626



60, 16.511, 176.223



43, 62.433, 133.132



30, 11.008, 175.958



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, 35.814, 167.626



56, 45.665, 165.472



36, 24.373, 237.616



24, 2.835, 178.036



45, 38.578, 165.941



88, 66.580, 164.718

Inverse Universe

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



24, 46.840, 18.051



32, 60.777, 23.659



27, 48.968, 44.555



23, 2.917, 359.496



25, 51.284, 22.344



53, 88.875, 25.746

Previews

White Background



This preview shows how the CIELCh color 44, 35.814, 167.627 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, 35.814, 167.627 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, 35.814, 167.627

Background



This preview shows how black text looks on a background with the CIELCh color 44, 35.814, 167.627.



This preview shows how white text looks on a background with the CIELCh color 44, 35.814, 167.627.

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, 35.747, 167.579

Protanopia

44, 12.326, 93.781

Deuteranopia

44, 8.229, 45.870



Tritanopia
44, 23.012, 210.761

Trichromacy



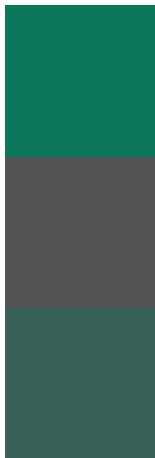
Original Color
44, 35.747, 167.579

Protanomaly
43, 19.980, 153.536

Deuteranomaly
43, 14.536, 162.258

Tritanomaly
44, 26.512, 189.942

Monochromacy



Original Color
44, 35.747, 167.579

Achromatopsia
35, 0.005, 296.813

Achromatomaly
38, 16.484, 175.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 35.814, 167.627 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(11, 118, 90)` looks like.

```
.text, #text, p{  
    color:rgb(11, 118, 90)  
}
```

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(11, 118, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 118, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 35.814, 167.627 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(11, 118, 90) }
```

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

```
.border{ border-color:rgb(11, 118, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 118, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 118, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 118, 90);  
box-shadow:4px 4px 4px 4px rgb(11, 118,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 35.814, 167.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 118, 90) }
```

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

```
.background{ background-color: rgb(11, 118,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor