

Converting Colors

CIELCh(43, 44.361, 153.792)

Have a look what the booklet for
CIELCh(43, 44.361, 153.792)
contains.

CIELCh(43, 44.282, 153.963)	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(43, 44.282, 153.963)

Conversions

Conversions Part 1

Format	Color
Hex	0B7544
RGB	11, 117, 68
RGB Percent	4%, 46%, 27%
CMY	0.9588, 0.5420, 0.7341
CMYK	0.91, 0.00, 0.42, 0.54
HSL	152°, 83%, 25%
HSV	152°, 91%, 46%
XYZ	7.5067, 13.1578, 7.5833
YIQ	79.7200, -47.4470, -37.7110

Conversions

Conversions Part 2

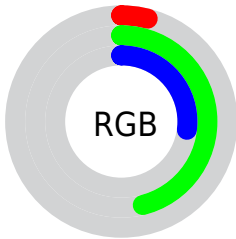
Format	Color
RYB	11, 80, 117
Decimal	750916
CIELab	43.00, -39.79, 19.44
CIElCh	43, 44.282, 153.963
Yxy	13.1578, 0.2657, 0.4658
Android (android.graphics.Color)	4278940996 (0xFF0B7544)
YUV	79.7200, -5.7780, -60.2674
Hunter-Lab	36.2736, -26.5391, 12.9966

Details

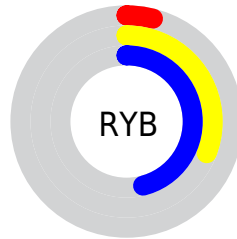
The CIELCh color **43, 44.282, 153.963** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **25, 45.763, 0.606**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 44.194, 154.227**, and **24, 36.547, 145.852** is the 20% darker color. If you saturate the color by 10%, you get **43, 47.037, 152.219**, and if you desaturate by 10%, it is **43, 40.951, 155.921**.

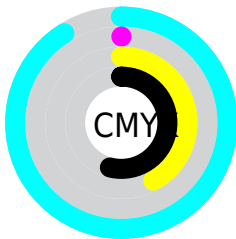
Distribution



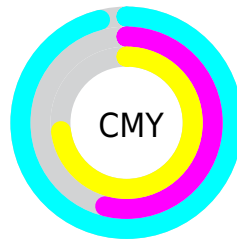
- Red (4%)
- Green (46%)
- Blue (27%)



- Red (4%)
- Yellow (31%)
- Blue (46%)



- Cyan (91%)
- Magenta (0%)
- Yellow (42%)
- Black (54%)




- Cyan (96%)
- Magenta (54%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 44.282, 153.963 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 43, 44.282, 153.963 by changing the saturation by 10% instead.

 43, 44.282,
153.963

 43, 44.282,
153.963


 100, 44.282,
153.963

 33, 44.282,
153.963

 63, 44.282,
153.963

 23, 44.282,
153.963

 73, 44.282,
153.963

 13, 44.282,
153.963

 83, 44.282,
153.963

 3, 44.282, 153.963

 93, 44.282,
153.963

 0, 44.282, 153.963

 43, 44.282,

 43, 44.282,

153.963

153.963

■ 43, 47.037,
152.219

■ 43, 40.951,
155.921

■ 44, 37.110,
157.686

■ 44, 32.781,
159.260

■ 45, 28.018,
160.661

■ 45, 22.901,
161.908

■ 46, 17.514,
163.024

■ 47, 11.946,
164.031

■ 48, 6.275, 164.957

Harmonies

Complementary

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



43, 44.282, 153.963



25, 45.763, 0.606

Rectangle

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



43, 44.282, 153.963



43, 44.282, 203.963



43, 44.282, 333.963



43, 44.282, 23.963

Sweetspot

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



43, 44.282, 153.963



60, 19.078, 163.367



44, 58.524, 127.965



30, 12.752, 163.099



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 44.282, 153.963



55, 57.922, 151.569



43, 26.364, 201.253



24, 3.220, 165.135



45, 48.760, 152.094



87, 84.919, 150.732

Inverse Universe

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



25, 45.763, 0.606



32, 57.684, 5.009



24, 52.612, 36.687



23, 3.265, 346.505



25, 49.101, 3.956



54, 83.140, 6.740

Previews

White Background



This preview shows how the CIELCh color 43, 44.282, 153.963 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 43, 44.282, 153.963 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 43, 44.282, 153.963

Background



This preview shows how black text looks on a background with the CIELCh color 43, 44.282, 153.963.



This preview shows how white text looks on a background with the CIELCh color 43, 44.282, 153.963.

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
43, 44.282, 153.963

Protanopia
43, 23.592, 95.192

Deuteranopia
43, 18.093, 71.845



Tritanopia
43, 21.293, 212.094

Trichromacy



Original Color

43, 44.282, 153.963



Protanomaly

42, 29.256, 135.819



Deuteranomaly

41, 22.360, 135.135



Tritanomaly

43, 27.040, 180.748

Monochromacy



Original Color

43, 44.282, 153.963



Achromatopsia

34, 0.005, 296.813



Achromatomaly

36, 19.428, 161.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 44.282, 153.963 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, 117, 68)` looks like.

```
.text, #text, p{  
    color:rgb(11, 117, 68)  
}
```

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, 117, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 117, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 44.282, 153.963 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, 117, 68) }
```

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

```
.border{ border-color:rgb(11, 117, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 117, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 117, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 117, 68);  
box-shadow:4px 4px 4px 4px rgb(11, 117,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 44.282, 153.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 117, 68) }
```

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

```
.background{ background-color: rgb(11, 117,  
68) }
```

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