

Converting Colors

CIELCh(43, 53.417, 146.167)

Have a look what the booklet for
CIELCh(43, 53.417, 146.167)
contains.

CIELCh(43, 53.515, 146.164)	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, 53.515, 146.164)

Conversions

Conversions Part 1

Format	Color
Hex	017631
RGB	1, 118, 49
RGB Percent	0%, 46%, 19%
CMY	0.9971, 0.5377, 0.8082
CMYK	0.99, 0.00, 0.59, 0.54
HSL	145°, 99%, 23%
HSV	145°, 99%, 46%
XYZ	7.0277, 13.1578, 5.0644
YIQ	75.1510, -47.5830, -46.2630

Conversions

Conversions Part 2

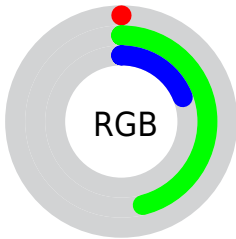
Format	Color
RYB	1, 84, 118
Decimal	95793
CIELab	43.00, -44.45, 29.80
CIELCh	43, 53.515, 146.164
Yxy	13.1578, 0.2783, 0.5211
Android (android.graphics.Color)	4278285873 (0xFF017631)
YUV	75.1510, -12.8924, -65.0304
Hunter-Lab	36.2736, -28.8962, 17.1137

Details

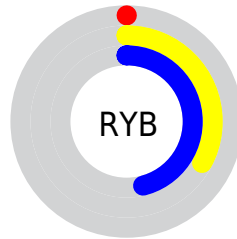
The CIELCh color **43, 53.515, 146.164** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **25, 49.421, 352.342**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 53.466, 146.124**, and **24, 45.660, 136.702** is the 20% darker color. If you saturate the color by 10%, you get **43, 53.740, 146.055**, and if you desaturate by 10%, it is **43, 49.888, 148.058**.

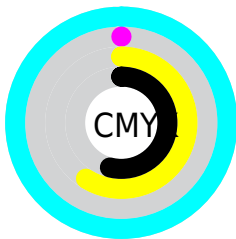
Distribution



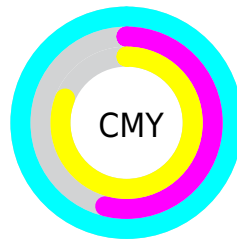
- Red (0%)
- Green (46%)
- Blue (19%)



- Red (0%)
- Yellow (33%)
- Blue (46%)



- Cyan (99%)
- Magenta (0%)
- Yellow (59%)
- Black (54%)





- Cyan (100%)
- Magenta (54%)
- Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.515, 146.164 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, 53.515, 146.164 by changing the saturation by 10% instead.


 43, 53.515,
146.164


 43, 53.515,
146.164


 100, 53.515,
146.164


 33, 53.515,
146.164


 63, 53.515,
146.164


 23, 53.515,
146.164


 73, 53.515,
146.164

 13, 53.515,
146.164

 83, 53.515,
146.164

 3, 53.515, 146.164

 93, 53.515,
146.164

 0, 53.515, 146.164

 43, 53.515,

 43, 53.515,

146.164

146.164

■ 43, 53.740,
146.055

■ 43, 49.888,
148.058

■ 43, 45.836,
149.946

■ 44, 41.221,
151.653

■ 44, 36.093,
153.172

■ 45, 30.531,
154.514

■ 46, 24.634,
155.696

■ 47, 18.502,
156.740

■ 47, 12.231,
157.667

Harmonies

Complementary

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



43, 53.515, 146.164



25, 49.421, 352.342

Rectangle

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



43, 53.515, 146.164



43, 53.515, 196.164



43, 53.515, 326.164



43, 53.515, 16.164

Sweetspot

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



43, 53.515, 146.164



59, 23.381, 156.603



45, 59.181, 123.676



30, 15.826, 156.268



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, 53.515, 146.164



55, 65.755, 145.454



44, 30.924, 182.828



24, 3.533, 158.535



45, 55.317, 145.959



87, 96.486, 144.657

Inverse Universe

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



25, 49.421, 352.342



33, 59.550, 353.343



23, 54.374, 33.393



23, 3.562, 339.766



26, 50.835, 352.624



54, 85.388, 354.535

Previews

White Background



This preview shows how the CIELCh color 43, 53.515, 146.164 looks on a white background.

Color Contrast Check

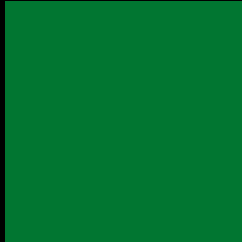
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 53.515, 146.164 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, 53.515, 146.164

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.515, 146.164.



This preview shows how white text looks on a background with the CIELCh color 43, 53.515, 146.164.

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, 53.515, 146.164

Protanopia
43, 33.535, 95.178

Deuteranopia
43, 28.438, 79.004



Tritanopia
43, 20.700, 212.588

Trichromacy



Original Color
43, 53.515, 146.164

Protanomaly
41, 38.523, 129.142

Deuteranomaly
41, 32.589, 126.900

Tritanomaly
43, 30.089, 172.395

Monochromacy



Original Color
43, 53.515, 146.164

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 23.576, 155.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.515, 146.164 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, 118, 49)` looks like.

```
.text, #text, p{  
    color:rgb(1, 118, 49)  
}
```

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, 118, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 118, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.515, 146.164 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, 118, 49) }
```

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

```
.border{ border-color:rgb(1, 118, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 118, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 118, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 118, 49);  
box-shadow:4px 4px 4px 4px rgb(1, 118, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.515, 146.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 118, 49) }
```

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

```
.background{ background-color: rgb(1, 118,  
49) }
```

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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