

Converting Colors

CIELCh(44, 50.010, 148.401)

Have a look what the booklet for
CIELCh(44, 50.010, 148.401)
contains.

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Color

CIELCh(44, 50.010, 148.401)

Conversions

Conversions Part 1

Format	Color
Hex	0E783A
RGB	14, 120, 58
RGB Percent	5%, 47%, 23%
CMY	0.9449, 0.5293, 0.7725
CMYK	0.88, 0.00, 0.52, 0.53
HSL	145°, 79%, 26%
HSV	145°, 88%, 47%
XYZ	7.6655, 13.8382, 6.2730
YIQ	81.2380, -43.2740, -41.7540

Conversions

Conversions Part 2

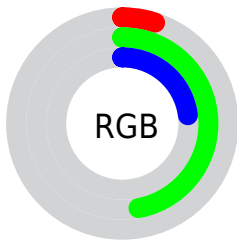
Format	Color
RYB	14, 89, 120
Decimal	948282
CIELab	44.00, -42.60, 26.20
CIELCh	44, 50.010, 148.401
Yxy	13.8382, 0.2760, 0.4982
Android (android.graphics.Color)	4279138362 (0xFF0E783A)
YUV	81.2380, -11.4563, -58.9677
Hunter-Lab	37.1997, -28.3171, 16.0418

Details

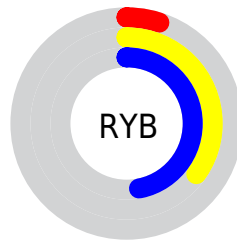
The CIELCh color **44, 50.010, 148.401** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **26, 48.290, 350.008**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 49.912, 148.189**, and **25, 42.998, 139.931** is the 20% darker color. If you saturate the color by 10%, you get **44, 53.687, 146.469**, and if you desaturate by 10%, it is **44, 45.861, 150.280**.

Distribution



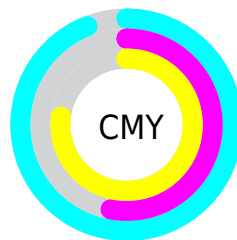
- Red (5%)
- Green (47%)
- Blue (23%)



- Red (5%)
- Yellow (35%)
- Blue (47%)



- Cyan (88%)
- Magenta (0%)
- Yellow (52%)
- Black (53%)





- Cyan (94%)
- Magenta (53%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 50.010, 148.401 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, 50.010, 148.401 by changing the saturation by 10% instead.


 44, 50.010,
148.401


 44, 50.010,
148.401


 100, 50.010,
148.401


 34, 50.010,
148.401

 64, 50.010,
148.401


 24, 50.010,
148.401

 74, 50.010,
148.401

 14, 50.010,
148.401

 84, 50.010,
148.401

 4, 50.010, 148.401

 94, 50.010,
148.401

 0, 50.010, 148.401

 44, 50.010,

 44, 50.010,

148.401

■ 44, 53.687,
146.469

■ 44, 54.300,
146.168

148.401

■ 44, 45.861,
150.280

■ 45, 41.144,
151.973

■ 45, 35.915,
153.479

■ 46, 30.254,
154.809

■ 47, 24.262,
155.980

■ 47, 18.042,
157.015

■ 48, 11.689,
157.935

■ 49, 5.288, 158.775

Harmonies

Complementary

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



44, 50.010, 148.401



26, 48.290, 350.008

Rectangle

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



44, 50.010, 148.401



44, 50.010, 198.401



44, 50.010, 328.401



44, 50.010, 18.401

Sweetspot

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



44, 50.010, 148.401



61, 20.514, 157.175



46, 56.490, 122.999



31, 13.999, 156.906



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 50.010, 148.401



56, 66.377, 145.579



45, 30.094, 183.946



25, 3.651, 158.709



45, 56.012, 146.067



87, 96.926, 144.800

Inverse Universe

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



26, 48.290, 350.008



34, 60.166, 353.719



25, 50.041, 29.388



24, 3.682, 339.956



26, 51.490, 353.014



55, 85.909, 354.900

Previews

White Background



This preview shows how the CIE LCh color 44, 50.010, 148.401 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, 50.010, 148.401 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, 50.010, 148.401

Background



This preview shows how black text looks on a background with the CIELCh color 44, 50.010, 148.401.



This preview shows how white text looks on a background with the CIELCh color 44, 50.010, 148.401.

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, 50.010, 148.401

Protanopia

44, 30.636, 96.721

Deuteranopia

44, 24.978, 77.271



Tritanopia
44, 20.956, 212.344

Trichromacy



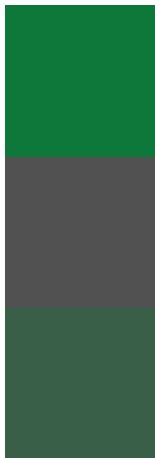
Original Color
44, 50.010, 148.401

Protanomaly
43, 35.442, 129.294

Deuteranomaly
42, 28.740, 126.386

Tritanomaly
44, 28.493, 175.201

Monochromacy



Original Color
44, 50.010, 148.401

Achromatopsia
34, 0.005, 296.813

Achromatomaly
37, 20.792, 156.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 50.010, 148.401 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(14, 120, 58)` looks like.

```
.text, #text, p{  
    color:rgb(14, 120, 58)  
}
```

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(14, 120, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 120, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 50.010, 148.401 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(14, 120, 58) }
```

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

```
.border{ border-color:rgb(14, 120, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 120, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 120, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 120, 58);  
box-shadow:4px 4px 4px 4px rgb(14, 120,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 50.010, 148.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 120, 58) }
```

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

```
.background{ background-color: rgb(14, 120,  
58) }
```

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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