

Converting Colors

CIELCh(44, 45.765, 150.126)

Have a look what the booklet for
CIELCh(44, 45.765, 150.126)
contains.

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Color

CIELCh(44, 45.741, 150.042)

Conversions

Conversions Part 1

Format	Color
Hex	1A7740
RGB	26, 119, 64
RGB Percent	10%, 47%, 25%
CMY	0.8968, 0.5325, 0.7483
CMYK	0.78, 0.00, 0.46, 0.53
HSL	144°, 64%, 29%
HSV	144°, 78%, 47%
XYZ	7.9856, 13.8382, 7.1283
YIQ	84.9230, -37.7730, -36.8210

Conversions

Conversions Part 2

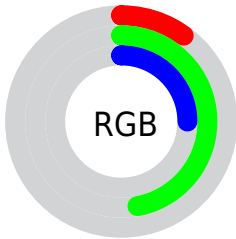
Format	Color
R_{YB}	26, 92, 119
Decimal	1734464
CIE _{Lab}	44.00, -39.63, 22.84
CIE _{LCh}	44, 45.741, 150.042
Yxy	13.8382, 0.2758, 0.4780
Android (android.graphics.Color)	4279924544 (0xFF1A7740)
YUV	84.9230, -10.3150, -51.6755
Hunter-Lab	37.1997, -26.7813, 14.6785

Details

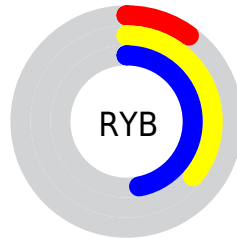
The CIELCh color **44, 45.741, 150.042** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **28, 45.552, 347.366**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 45.412, 150.181**, and **25, 39.820, 142.855** is the 20% darker color. If you saturate the color by 10%, you get **44, 49.922, 148.177**, and if you desaturate by 10%, it is **44, 40.994, 151.723**.

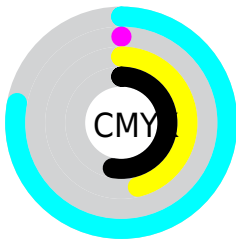
Distribution



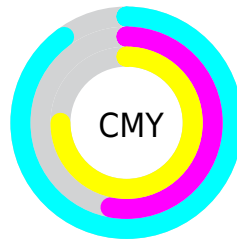
- Red (10%)
- Green (47%)
- Blue (25%)



- Red (10%)
- Yellow (36%)
- Blue (47%)



- Cyan (78%)
- Magenta (0%)
- Yellow (46%)
- Black (53%)





- Cyan (90%)
- Magenta (53%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 45.741, 150.042 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, 45.741, 150.042 by changing the saturation by 10% instead.


 44, 45.741,
150.042


 44, 45.741,
150.042


 100, 45.741,
150.042


 34, 45.741,
150.042

 64, 45.741,
150.042


 24, 45.741,
150.042

 74, 45.741,
150.042

 14, 45.741,
150.042

 84, 45.741,
150.042

 4, 45.741, 150.042

 94, 45.741,
150.042

 0, 45.741, 150.042

 44, 45.741,

 44, 45.741,

150.042

■ 44, 49.922,
148.177

■ 43, 53.618,
146.251

■ 43, 54.361,
145.889

150.042

■ 44, 40.994,
151.723

■ 45, 35.737,
153.218

■ 46, 30.055,
154.537

■ 46, 24.046,
155.699

■ 47, 17.816,
156.724

■ 48, 11.458,
157.636

■ 49, 5.058, 158.469

■ 50, 1.317, 338.944

Harmonies

Complementary

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



44, 45.741, 150.042



28, 45.552, 347.366

Rectangle

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



44, 45.741, 150.042



44, 45.741, 200.042



44, 45.741, 330.042



44, 45.741, 20.042

Sweetspot

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



44, 45.741, 150.042



61, 18.262, 157.134



46, 51.936, 122.623



31, 12.729, 156.854



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, 45.741, 150.042



56, 64.278, 146.480



45, 28.354, 184.969



24, 3.542, 158.380



45, 55.482, 145.822



87, 96.772, 144.523

Inverse Universe

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



28, 45.552, 347.366



34, 59.711, 351.473



26, 44.381, 25.189



23, 3.571, 339.606



26, 50.910, 352.349



54, 85.504, 354.237

Previews

White Background



This preview shows how the CIELCh color 44, 45.741, 150.042 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, 45.741, 150.042 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, 45.741, 150.042

Background



This preview shows how black text looks on a background with the CIELCh color 44, 45.741, 150.042.



This preview shows how white text looks on a background with the CIELCh color 44, 45.741, 150.042.

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, 45.741, 150.042

Protanopia

44, 27.381, 96.235

Deuteranopia

44, 21.618, 74.629



Tritanopia
44, 20.330, 212.879

Trichromacy



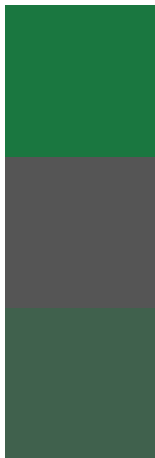
Original Color
44, 45.741, 150.042

Protanomaly
43, 31.712, 129.143

Deuteranomaly
42, 24.406, 126.055

Tritanomaly
44, 26.229, 177.701

Monochromacy



Original Color
44, 45.741, 150.042

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 18.463, 155.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 45.741, 150.042 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(26, 119, 64)` looks like.

```
.text, #text, p{  
    color:rgb(26, 119, 64)  
}
```

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(26, 119, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 119, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 45.741, 150.042 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(26, 119, 64) }
```

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

```
.border{ border-color:rgb(26, 119, 64) }
```

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

Here you see how a box with a 4 pixel rgb(26, 119, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 119, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 119, 64);  
box-shadow:4px 4px 4px 4px rgb(26, 119,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 45.741, 150.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 119, 64) }
```

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

```
.background{ background-color: rgb(26, 119,  
64) }
```

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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