

Converting Colors

CIELCh(44, 41.505, 156.190)

Have a look what the booklet for
CIELCh(44, 41.505, 156.190)
contains.

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Color

CIELCh(44, 41.446, 156.195)

Conversions

Conversions Part 1

Format	Color
Hex	16774B
RGB	22, 119, 75
RGB Percent	9%, 47%, 29%
CMY	0.9145, 0.5338, 0.7063
CMYK	0.82, 0.00, 0.37, 0.53
HSL	153°, 69%, 28%
HSV	153°, 82%, 47%
XYZ	8.1741, 13.8382, 8.8761
YIQ	84.9810, -43.6880, -34.2480

Conversions

Conversions Part 2

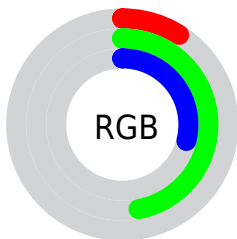
Format	Color
R_{YB}	22, 85, 119
Decimal	1472331
CIE _{Lab}	44.00, -37.92, 16.73
CIE _{LCh}	44, 41.446, 156.195
Yxy	13.8382, 0.2646, 0.4480
Android (android.graphics.Color)	4279662411 (0xFF16774B)
YUV	84.9810, -4.9206, -55.2343
Hunter-Lab	37.1997, -25.8768, 11.8928

Details

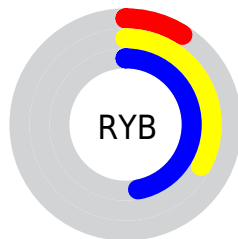
The CIELCh color **44, 41.446, 156.195** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **26, 44.059, 358.289**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 41.530, 156.275**, and **25, 34.960, 148.875** is the 20% darker color. If you saturate the color by 10%, you get **44, 44.742, 154.218**, and if you desaturate by 10%, it is **44, 37.633, 157.977**.

Distribution



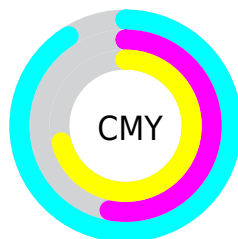
- Red (9%)
- Green (47%)
- Blue (29%)



- Red (9%)
- Yellow (33%)
- Blue (47%)



- Cyan (82%)
- Magenta (0%)
- Yellow (37%)
- Black (53%)




- Cyan (91%)
- Magenta (53%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 41.446, 156.195 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, 41.446, 156.195 by changing the saturation by 10% instead.


 44, 41.446,
156.195


 44, 41.446,
156.195


 100, 41.446,
156.195


 34, 41.446,
156.195

 64, 41.446,
156.195


 24, 41.446,
156.195

 74, 41.446,
156.195

 14, 41.446,
156.195

 84, 41.446,
156.195

 4, 41.446, 156.195

 94, 41.446,
156.195

 0, 41.446, 156.195

 44, 41.446,

 44, 41.446,

156.195

■ 44, 44.742,
154.218

■ 44, 47.286,
152.597

156.195

■ 44, 37.633,
157.977

■ 45, 33.321,
159.569

■ 45, 28.563,
160.985

■ 46, 23.436,
162.246

■ 47, 18.028,
163.375

■ 48, 12.426,
164.394

■ 49, 6.712, 165.330

■ 50, 0.956, 166.425

Harmonies

Complementary

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



44, 41.446, 156.195



26, 44.059, 358.289

Rectangle

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



44, 41.446, 156.195



44, 41.446, 206.195



44, 41.446, 336.195



44, 41.446, 26.195

Sweetspot

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



44, 41.446, 156.195



61, 17.825, 164.001



45, 55.623, 127.546



31, 12.230, 163.710



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, 41.446, 156.195



56, 57.473, 152.369



44, 25.877, 200.992



24, 3.203, 165.571



45, 48.358, 152.520



87, 84.202, 151.158

Inverse Universe

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



26, 44.059, 358.289



33, 57.988, 5.012



26, 48.255, 34.325



23, 3.249, 346.949



25, 49.072, 4.672



53, 83.151, 7.502

Previews

White Background



This preview shows how the CIELCh color 44, 41.446, 156.195 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, 41.446, 156.195 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, 41.446, 156.195

Background



This preview shows how black text looks on a background with the CIELCh color 44, 41.446, 156.195.



This preview shows how white text looks on a background with the CIELCh color 44, 41.446, 156.195.

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, 41.446, 156.195

Protanopia

44, 21.157, 95.725

Deuteranopia

44, 16.071, 67.568



Tritanopia
44, 21.355, 212.018

Trichromacy



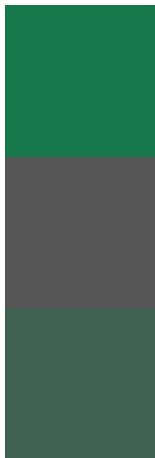
Original Color
44, 41.446, 156.195

Protanomaly
43, 26.007, 136.749

Deuteranomaly
43, 18.845, 135.015

Tritanomaly
44, 26.056, 183.089

Monochromacy



Original Color
44, 41.446, 156.195

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 17.366, 162.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 41.446, 156.195 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(22, 119, 75)` looks like.

```
.text, #text, p{  
    color:rgb(22, 119, 75)  
}
```

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(22, 119, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 119, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 41.446, 156.195 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(22, 119, 75) }
```

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

```
.border{ border-color:rgb(22, 119, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 119, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 119, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 119, 75);  
box-shadow:4px 4px 4px 4px rgb(22, 119,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 41.446, 156.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 119, 75) }
```

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

```
.background{ background-color: rgb(22, 119,  
75) }
```

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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