

Converting Colors

CIELCh(48, 29.399, 167.606)

Have a look what the booklet for
CIELCh(48, 29.399, 167.606)
contains.

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Color

CIELCh(48, 29.405, 167.550)

Conversions

Conversions Part 1

Format	Color
Hex	367E66
RGB	54, 126, 102
RGB Percent	21%, 49%, 40%
CMY	0.7865, 0.5042, 0.5984
CMYK	0.57, 0.00, 0.19, 0.50
HSL	160°, 40%, 35%
HSV	160°, 57%, 50%
XYZ	11.4790, 16.7945, 15.3122
YIQ	101.7360, -35.2080, -22.7280

Conversions

Conversions Part 2

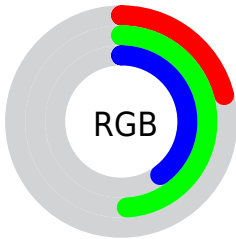
Format	Color
RYB	54, 97, 126
Decimal	3571302
CIELab	48.00, -28.71, 6.34
CIElCh	48, 29.405, 167.550
Yxy	16.7945, 0.2634, 0.3853
Android (android.graphics.Color)	4281761382 (0xFF367E66)
YUV	101.7360, 0.1302, -41.8645
Hunter-Lab	40.9810, -21.7182, 6.5335




Details

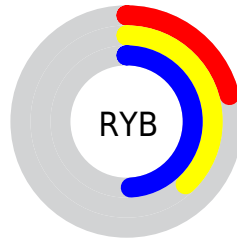
The CIELCh color **48, 29.405, 167.550** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **33, 33.820, 1.195**, and the grayscale version is **43, 0.006, 296.813**.




A 20% lighter version of the original color is **68, 29.333, 167.749**, and **28, 27.644, 165.991** is the 20% darker color. If you saturate the color by 10%, you get **48, 33.449, 166.076**, and if you desaturate by 10%, it is **49, 24.900, 168.873**.

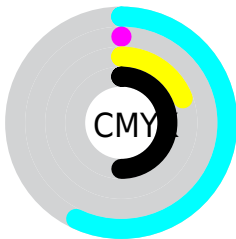
Distribution







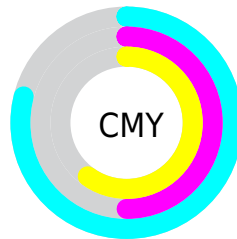
-  Red (21%)
-  Green (49%)
-  Blue (40%)






-  Red (21%)
-  Yellow (38%)
-  Blue (49%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (50%)





-  Cyan (79%)
-  Magenta (50%)
-  Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 29.405, 167.550 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 48, 29.405, 167.550 by changing the saturation by 10% instead.


 48, 29.405,
167.550


 48, 29.405,
167.550


 100, 29.405,
167.550


 38, 29.405,
167.550

 68, 29.405,
167.550


 28, 29.405,
167.550

 78, 29.405,
167.550

 18, 29.405,
167.550

 88, 29.405,
167.550

 8, 29.405, 167.550

 98, 29.405,
167.550

 0, 29.405, 167.550

 48, 29.405,

 48, 29.405,

167.550

167.550

■ 48, 33.449,
166.076

■ 49, 24.900,
168.873

■ 47, 36.973,
164.433

■ 49, 20.009,
170.070

■ 47, 39.954,
162.604

■ 50, 14.819,
171.162

■ 47, 42.476,
160.635

■ 51, 9.416, 172.172

■ 47, 43.236,
160.061

■ 52, 3.878, 173.146

■ 53, 1.726, 353.728

■ 55, 7.340, 354.684

■ 56, 12.918,
355.467

■ 57, 18.427,
356.200

Harmonies

Complementary

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



48, 29.405, 167.550



33, 33.820, 1.195

Rectangle

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



48, 29.405, 167.550



48, 29.405, 217.550



48, 29.405, 347.550



48, 29.405, 37.550

Sweetspot

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



48, 29.405, 167.549



65, 11.644, 172.127



48, 45.055, 131.497



33, 7.738, 171.973



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



48, 29.405, 167.549



60, 41.468, 165.661



45, 20.302, 216.113



26, 3.172, 172.931



47, 43.515, 160.041



0, 0.000, 0.000

Inverse Universe

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



33, 33.820, 1.195



40, 48.675, 4.283



35, 31.245, 36.149



25, 3.244, 354.420



26, 51.317, 16.076



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 29.405, 167.550 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 48, 29.405, 167.550 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 48, 29.405, 167.550

Background



This preview shows how black text looks on a background with the CIELCh color 48, 29.405, 167.550.



This preview shows how white text looks on a background with the CIELCh color 48, 29.405, 167.550.

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

48, 29.405, 167.550

Protanopia

48, 10.307, 94.263

Deuteranopia

48, 7.822, 33.206



Tritanopia
48, 19.617, 215.230

Trichromacy



Original Color
48, 29.405, 167.550

Protanomaly
47, 14.922, 145.852

Deuteranomaly
47, 8.263, 152.927

Tritanomaly
48, 21.493, 192.380

Monochromacy



Original Color
48, 29.405, 167.550

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 11.736, 170.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 29.405, 167.550 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(54, 126, 102)` looks like.

```
.text, #text, p{  
    color:rgb(54, 126, 102)  
}
```

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(54, 126, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 126, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 29.405, 167.550 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(54, 126, 102) }
```

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

```
.border{ border-color:rgb(54, 126, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 126, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 126, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 126, 102);  
box-shadow:4px 4px 4px 4px rgb(54, 126,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 29.405, 167.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 126, 102) }
```

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

```
.background{ background-color: rgb(54, 126,  
102) }
```

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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