

Converting Colors

CIELCh(48, 30.922, 148.958)

Have a look what the booklet for
CIELCh(48, 30.922, 148.958)
contains.

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Color

CIELCh(48, 30.921, 148.958)

Conversions

Conversions Part 1

Format	Color
Hex	497D56
RGB	73, 125, 86
RGB Percent	29%, 49%, 34%
CMY	0.7132, 0.5093, 0.6623
CMYK	0.42, 0.00, 0.31, 0.51
HSL	135°, 26%, 39%
HSV	135°, 42%, 49%
XYZ	11.7912, 16.7945, 11.4495
YIQ	105.0060, -18.4730, -23.1530

Conversions

Conversions Part 2

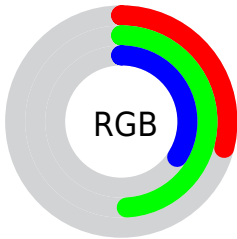
Format	Color
R_{YB}	73, 115, 125
Decimal	4816214
CIE _{Lab}	48.00, -26.49, 15.94
CIE _{LCh}	48, 30.921, 148.958
Yxy	16.7945, 0.2945, 0.4195
Android (android.graphics.Color)	4283006294 (0xFF497D56)
YUV	105.0060, -9.3700, -28.0693
Hunter-Lab	40.9810, -20.3583, 12.1220

Details

The CIELCh color **48, 30.921, 148.958** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **38, 31.118, 335.121**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 30.913, 149.009**, and **28, 31.361, 148.500** is the 20% darker color. If you saturate the color by 10%, you get **47, 37.940, 147.809**, and if you desaturate by 10%, it is **49, 23.616, 149.961**.

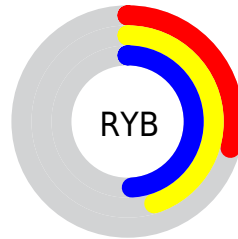
Distribution



Red (29%)

Green (49%)

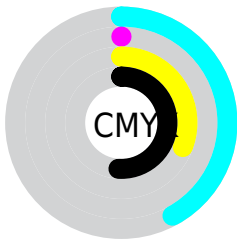
Blue (34%)



Red (29%)

Yellow (45%)

Blue (49%)

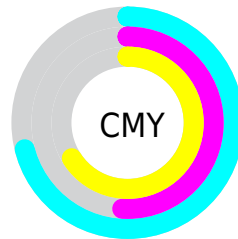


Cyan (42%)

Magenta (0%)

Yellow (31%)

Black (51%)



Cyan (71%)


Magenta (51%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 30.921, 148.958 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, 30.921, 148.958 by changing the saturation by 10% instead.


 48, 30.921,
148.958


 48, 30.921,
148.958


 100, 30.921,
148.958


 38, 30.921,
148.958

 68, 30.921,
148.958


 28, 30.921,
148.958

 78, 30.921,
148.958

 18, 30.921,
148.958


 88, 30.921,
148.958

 8, 30.921, 148.958

 98, 30.921,
148.958

 0, 30.921, 148.958

 48, 30.921,

 48, 30.921,

148.958

148.958

■ 47, 37.940,
147.809

■ 49, 23.616,
149.961

■ 47, 44.532,
146.501

■ 50, 16.150,
150.836

■ 46, 50.555,
145.033

■ 51, 8.633, 151.605

■ 46, 55.881,
143.422

■ 52, 1.154, 152.439

■ 54, 6.220, 332.783

■ 46, 60.402,
141.709

■ 55, 13.442,
333.315

■ 45, 63.683,
140.394

■ 57, 20.479,
333.775

■ 58, 27.311,
334.183

■ 60, 33.928,

Harmonies

Complementary

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



48, 30.921, 148.958



38, 31.118, 335.121

Rectangle

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



48, 30.921, 148.958



48, 30.921, 198.958



48, 30.921, 328.958



48, 30.921, 18.958

Sweetspot

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



48, 30.922, 148.958



65, 11.139, 151.552



50, 30.046, 116.714



33, 7.355, 151.479



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, 30.922, 148.958



61, 45.742, 147.853



49, 21.019, 174.259



26, 4.268, 151.783



46, 64.607, 140.355



0, 0.000, 0.000

Inverse Universe

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



38, 31.118, 335.121



47, 45.855, 335.861



38, 24.068, 3.210



25, 4.285, 332.869



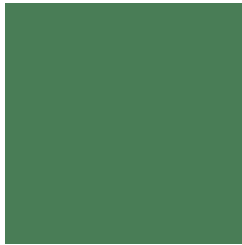
28, 57.410, 340.840



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 30.921, 148.958 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 48, 30.921, 148.958 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, 30.921, 148.958

Background



This preview shows how black text looks on a background with the CIELCh color 48, 30.921, 148.958.



This preview shows how white text looks on a background with the CIELCh color 48, 30.921, 148.958.

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, 30.921, 148.958

Protanopia

48, 19.144, 95.376

Deuteranopia

48, 15.284, 66.554



Tritanopia
48, 13.973, 220.619

Trichromacy



Original Color
48, 30.921, 148.958

Protanomaly
47, 20.605, 123.429

Deuteranomaly
47, 15.304, 114.616

Tritanomaly
48, 17.051, 179.342

Monochromacy



Original Color
48, 30.921, 148.958

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 11.477, 151.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 30.921, 148.958 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(73, 125, 86)` looks like.

```
.text, #text, p{  
    color:rgb(73, 125, 86)  
}
```

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(73, 125, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 125, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 30.921, 148.958 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(73, 125, 86) }
```

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

```
.border{ border-color:rgb(73, 125, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 125, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 125, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 125, 86);  
box-shadow:4px 4px 4px 4px rgb(73, 125,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 30.921, 148.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 125, 86) }
```

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

```
.background{ background-color: rgb(73, 125,  
86) }
```

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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