

Converting Colors

CIELCh(48, 30.855, 130.441)

Have a look what the booklet for
CIELCh(48, 30.855, 130.441)
contains.

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Color

CIELCh(48, 30.894, 130.427)

Conversions

Conversions Part 1

Format	Color
Hex	5D7A49
RGB	93, 122, 73
RGB Percent	36%, 48%, 29%
CMY	0.6345, 0.5207, 0.7129
CMYK	0.24, 0.00, 0.40, 0.52
HSL	96°, 25%, 38%
HSV	96°, 40%, 48%
XYZ	12.7313, 16.7945, 8.9092
YIQ	107.7430, -1.5550, -21.3870

Conversions

Conversions Part 2

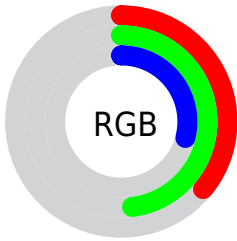
Format	Color
RYB	73, 122, 102
Decimal	6126153
CIELab	48.00, -20.03, 23.52
CIELCh	48, 30.894, 130.427
Yxy	16.7945, 0.3312, 0.4370
Android (android.graphics.Color)	4284316233 (0xFF5D7A49)
YUV	107.7430, -17.1283, -12.9296
Hunter-Lab	40.9810, -16.2635, 15.7972

Details

The CIELCh color **48, 30.894, 130.427** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **36, 32.240, 313.933**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 31.351, 130.618**, and **28, 30.719, 130.631** is the 20% darker color. If you saturate the color by 10%, you get **47, 38.269, 129.974**, and if you desaturate by 10%, it is **49, 23.289, 130.903**.

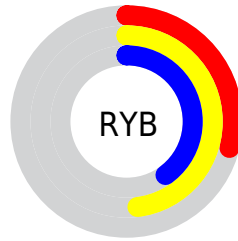
Distribution



Red (36%)

Green (48%)

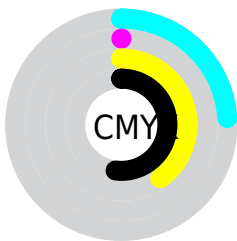
Blue (29%)



Red (29%)

Yellow (48%)

Blue (40%)

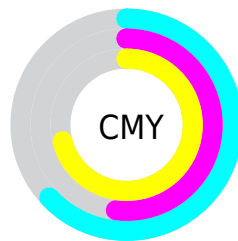


Cyan (24%)

Magenta (0%)

Yellow (40%)

Black (52%)



Cyan (63%)

Magenta (52%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 30.894, 130.427 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, 30.894, 130.427 by changing the saturation by 10% instead.

 48, 30.894,
130.427


 48, 30.894,
130.427


 100, 30.894,
130.427

 38, 30.894,
130.427

 68, 30.894,
130.427

 28, 30.894,
130.427

 78, 30.894,
130.427

 18, 30.894,
130.427


 88, 30.894,
130.427

 8, 30.894, 130.427

 98, 30.894,
130.427

 0, 30.894, 130.427

 48, 30.894,

 48, 30.894,

130.427

130.427

■ 47, 38.269,
129.974

■ 49, 23.289,
130.903

■ 47, 45.251,
129.588

■ 50, 15.566,
131.369

■ 46, 51.617,
129.344

■ 50, 7.808, 131.814

■ 46, 57.087,
129.343

■ 51, 0.074, 133.589

■ 52, 7.593, 312.559

■ 45, 61.355,
129.699

■ 53, 15.164,
312.895

■ 45, 64.718,
130.203

■ 54, 22.618,
313.191

■ 56, 29.939,
313.451

■ 57, 37.120,

Harmonies

Complementary

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



48, 30.894, 130.427



36, 32.240, 313.933

Rectangle

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



48, 30.894, 130.427



48, 30.894, 180.427



48, 30.894, 310.427



48, 30.894, 0.427

Sweetspot

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



48, 30.895, 130.428



64, 11.455, 131.719



44, 19.591, 78.807



33, 7.558, 131.676



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



48, 30.895, 130.428



60, 45.305, 130.015



47, 33.072, 143.817



25, 4.356, 131.859



46, 65.779, 130.238



88, 111.720, 131.049

Inverse Universe

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



36, 32.240, 313.933



43, 47.759, 314.320



38, 33.036, 328.971



24, 4.401, 312.558



20, 71.934, 314.550



43, 121.630, 313.974

Previews

White Background



This preview shows how the CIE LCh color 48, 30.894, 130.427 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, 30.894, 130.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

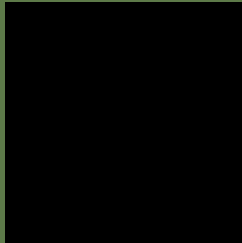
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 30.894, 130.427

Background



This preview shows how black text looks on a background with the CIELCh color 48, 30.894, 130.427.



This preview shows how white text looks on a background with the CIELCh color 48, 30.894, 130.427.

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

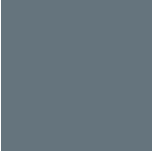
48, 30.894, 130.427

Protanopia

48, 25.921, 96.413

Deuteranopia

48, 23.252, 75.048



Tritanopia
48, 7.663, 242.989

Trichromacy



Original Color
48, 30.894, 130.427

Protanomaly
48, 26.555, 110.487

Deuteranomaly
48, 22.834, 100.187

Tritanomaly
48, 10.801, 157.366

Monochromacy



Original Color
48, 30.894, 130.427

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 11.449, 130.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 30.894, 130.427 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(93, 122, 73)` looks like.

```
.text, #text, p{  
    color:rgb(93, 122, 73)  
}
```

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(93, 122, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 122, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 30.894, 130.427 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(93, 122, 73) }
```

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

```
.border{ border-color:rgb(93, 122, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 122, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 122, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 122, 73);  
box-shadow:4px 4px 4px 4px rgb(93, 122,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 30.894, 130.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 122, 73) }
```

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

```
.background{ background-color: rgb(93, 122,  
73) }
```

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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