

Converting Colors

CIELCh(48, 14.968, 325.301)

Have a look what the booklet for
CIELCh(48, 14.968, 325.301)
contains.

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Color

CIELCh(48, 14.949, 325.292)

Conversions

Conversions Part 1

Format	Color
Hex	806B80
RGB	128, 107, 128
RGB Percent	50%, 42%, 50%
CMY	0.4964, 0.5788, 0.4964
CMYK	0.00, 0.16, 0.00, 0.50
HSL	300°, 9%, 46%
HSV	300°, 16%, 50%
XYZ	18.1924, 16.7945, 22.8529
YIQ	115.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

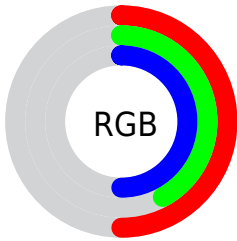
Format	Color
R_{YB}	128, 107, 128
Decimal	8416128
CIE _{Lab}	48.00, 12.29, -8.51
CIE _{LCh}	48, 14.949, 325.292
Yxy	16.7945, 0.3145, 0.2904
Android (android.graphics.Color)	4286606208 (0xFF806B80)
YUV	115.6730, 6.0772, 10.8108
Hunter-Lab	40.9810, 7.5232, -4.3761

Details

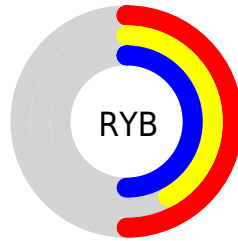
The CIELCh color $48, 14.949, 325.292$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 14.933, 143.480$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 15.346, 325.114$, and $28, 14.737, 325.623$ is the 20% darker color. If you saturate the color by 10%, you get $45, 24.107, 325.818$, and if you desaturate by 10%, it is $51, 5.783, 324.746$.

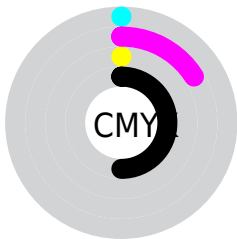
Distribution



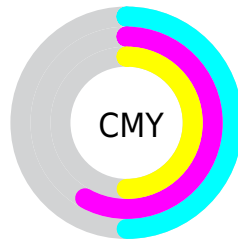
- Red (50%)
- Green (42%)
- Blue (50%)



- Red (50%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (50%)




- Cyan (50%)
- Magenta (58%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 14.949, 325.292 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, 14.949, 325.292 by changing the saturation by 10% instead.

 48, 14.949,
325.292


 48, 14.949,
325.292


 100, 14.949,
325.292


 38, 14.949,
325.292

 68, 14.949,
325.292

 28, 14.949,
325.292

 78, 14.949,
325.292

 18, 14.949,
325.292


 88, 14.949,
325.292

 8, 14.949, 325.292

 98, 14.949,
325.292

 0, 14.949, 325.292

 48, 14.949,

 48, 14.949,

325.292

45, 24.107,
325.818

42, 33.096,
326.322

39, 41.688,
326.794

36, 49.599,
327.219

34, 56.506,
327.580

32, 62.093,
327.866

31, 66.119,
328.068

30, 68.652,
328.194

325.292

51, 5.783, 324.746

55, 3.270, 144.313

59, 12.139,
143.760

62, 20.779,
143.261

66, 29.168,
142.787

70, 37.296,
142.338

74, 45.167,
141.916

77, 52.786,
141.519

■ 30, 69.489,
328.235

■ 81, 60.164,
141.149

Harmonies

Complementary

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



48, 14.949, 325.292



52, 14.933, 143.480

Rectangle

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



48, 14.949, 325.292



48, 14.949, 15.292



48, 14.949, 145.292



48, 14.949, 195.292

Sweetspot

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



48, 14.947, 325.292



66, 5.596, 324.672



46, 12.501, 291.889



34, 3.849, 324.708



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



48, 14.947, 325.292



59, 22.531, 325.509



48, 10.578, 344.979



25, 5.102, 324.899



30, 69.126, 328.235



0, 0.000, 0.000

Inverse Universe

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



48, 14.947, 325.292



59, 22.531, 325.509



52, 10.369, 162.323



25, 5.102, 324.899



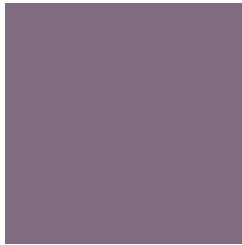
30, 69.126, 328.235



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 14.949, 325.292 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, 14.949, 325.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

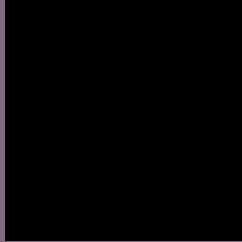
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 14.949, 325.292

Background



This preview shows how black text looks on a background with the CIELCh color 48, 14.949, 325.292.



This preview shows how white text looks on a background with the CIELCh color 48, 14.949, 325.292.

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, 14.949, 325.292

Protanopia

48, 11.218, 287.814

Deuteranopia

48, 10.554, 308.625



Tritanopia
48, 9.059, 344.780

Trichromacy



Original Color
48, 14.949, 325.292

Protanomaly
48, 12.076, 302.704

Deuteranomaly
48, 11.670, 315.225

Tritanomaly
48, 11.549, 335.306

Monochromacy



Original Color
48, 14.949, 325.292

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 5.725, 324.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 14.949, 325.292 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(128, 107, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 107, 128)  
}
```

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(128, 107, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 107, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 14.949, 325.292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

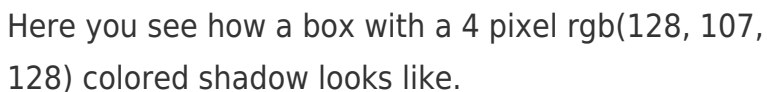
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 107, 128) }
```

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

```
.border{ border-color:rgb(128, 107, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 107, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 107, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 107, 128); box-shadow:4px 4px 4px 4px rgb(128, 107, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 14.949, 325.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 107, 128) }
```

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

```
.background{ background-color: rgb(128,  
107, 128) }
```

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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