

Converting Colors

CIELCh(48, 10.904, 328.714)

Have a look what the booklet for
CIELCh(48, 10.904, 328.714)
contains.

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Color

CIELCh(48, 11.183, 328.553)

Conversions

Conversions Part 1

Format	Color
Hex	7E6D7C
RGB	126, 109, 124
RGB Percent	49%, 43%, 49%
CMY	0.5063, 0.5730, 0.5141
CMYK	0.00, 0.14, 0.02, 0.51
HSL	307°, 7%, 46%
HSV	307°, 14%, 49%
XYZ	17.6767, 16.7945, 21.3429
YIQ	115.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

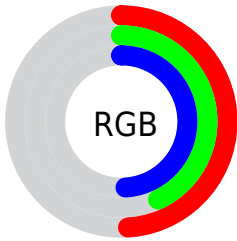
Format	Color
R_{YB}	126, 109, 124
Decimal	8285564
CIE _{Lab}	48.00, 9.54, -5.83
CIE _{LCh}	48, 11.183, 328.553
Yxy	16.7945, 0.3167, 0.3009
Android (android.graphics.Color)	4286475644 (0xFF7E6D7C)
YUV	115.7930, 4.0461, 8.9515
Hunter-Lab	40.9810, 5.2772, -2.1915

Details

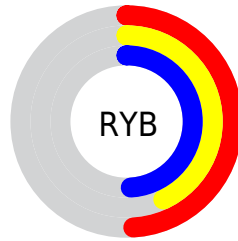
The CIELCh color $48, 11.183, 328.553$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 11.159, 147.010$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 10.711, 329.967$, and $28, 11.439, 329.140$ is the 20% darker color. If you saturate the color by 10%, you get $45, 19.519, 329.134$, and if you desaturate by 10%, it is $52, 2.883, 327.939$.

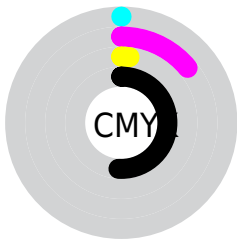
Distribution



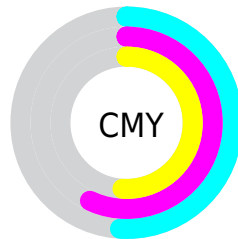
- Red (49%)
- Green (43%)
- Blue (49%)



- Red (49%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (51%)





- Cyan (51%)
- Magenta (57%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 11.183, 328.553 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, 11.183, 328.553 by changing the saturation by 10% instead.


 48, 11.183,
328.553


 48, 11.183,
328.553


 100, 11.183,
328.553


 38, 11.183,
328.553

 68, 11.183,
328.553


 28, 11.183,
328.553

 78, 11.183,
328.553

 18, 11.183,
328.553


 88, 11.183,
328.553

 8, 11.183, 328.553

 98, 11.183,
328.553

 0, 11.183, 328.553

 48, 11.183,

 48, 11.183,

328.553

45, 19.519,
329.134

41, 27.763,
329.715

38, 35.721,
330.292

36, 43.142,
330.860

33, 49.721,
331.414

31, 55.133,
331.954

30, 59.093,
332.484

29, 61.460,
333.015

328.553

52, 2.883, 327.939

55, 5.286, 147.501

59, 13.271,
146.950

62, 21.043,
146.438

66, 28.589,
145.954

70, 35.906,
145.495

74, 42.998,
145.061

77, 49.877,
144.653

■ 28, 62.649,
333.357

■ 81, 56.552,
144.268

Harmonies

Complementary

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



48, 11.183, 328.553



51, 11.159, 147.010

Rectangle

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



48, 11.183, 328.553



48, 11.183, 18.553



48, 11.183, 148.553



48, 11.183, 198.553

Sweetspot

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



48, 11.181, 328.554



65, 4.075, 327.982



47, 10.131, 295.870



33, 2.882, 328.026



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, 11.181, 328.554



60, 16.406, 328.721



48, 7.964, 351.626



25, 4.706, 328.296



29, 63.217, 333.364



0, 0.000, 0.000

Inverse Universe

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



48, 11.181, 328.554



60, 16.406, 328.721



51, 7.750, 169.309



25, 4.706, 328.296



29, 63.217, 333.364



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 11.183, 328.553 looks on a white background.

Color Contrast Check

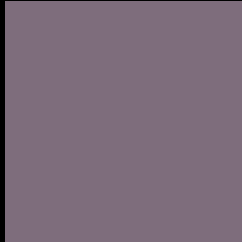
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.183, 328.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

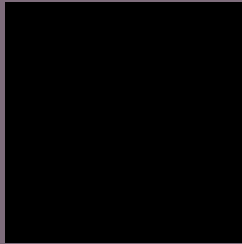
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 11.183, 328.553

Background



This preview shows how black text looks on a background with the CIELCh color 48, 11.183, 328.553.



This preview shows how white text looks on a background with the CIELCh color 48, 11.183, 328.553.

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, 11.183, 328.553

Protanopia

48, 8.264, 288.615

Deuteranopia

48, 8.674, 318.300



Tritanopia
48, 7.723, 342.801

Trichromacy



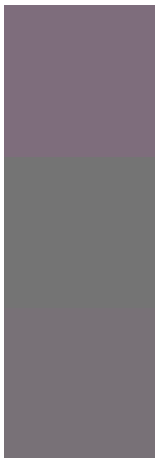
Original Color
48, 11.183, 328.553

Protanomaly
48, 8.522, 304.505

Deuteranomaly
48, 9.785, 323.036

Tritanomaly
48, 8.475, 336.453

Monochromacy



Original Color
48, 11.183, 328.553

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 4.544, 328.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 11.183, 328.553 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(126, 109, 124)` looks like.

```
.text, #text, p{  
    color:rgb(126, 109, 124)  
}
```

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(126, 109, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 109, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 11.183, 328.553 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(126, 109, 124) }
```

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

```
.border{ border-color:rgb(126, 109, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 109, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 109, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 109, 124);  
box-shadow:4px 4px 4px 4px rgb(126, 109,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 11.183, 328.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 109, 124) }
```

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

```
.background{ background-color: rgb(126,  
109, 124) }
```

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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