

Converting Colors

CIELCh(48, 8.755, 324.962)

Have a look what the booklet for
CIELCh(48, 8.755, 324.962) contains.

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Color

CIELCh(48, 8.591, 324.936)

Conversions

Conversions Part 1

Format	Color
Hex	7A6E7A
RGB	122, 110, 122
RGB Percent	48%, 43%, 48%
CMY	0.5203, 0.5674, 0.5203
CMYK	0.00, 0.10, 0.00, 0.52
HSL	300°, 5%, 46%
HSV	300°, 10%, 48%
XYZ	17.2147, 16.7945, 20.8514
YIQ	114.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

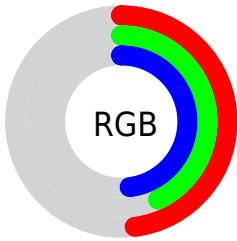
Format	Color
R_{YB}	122, 110, 122
Decimal	8023674
CIE _{Lab}	48.00, 7.03, -4.94
CIE _{LCh}	48, 8.591, 324.936
Yxy	16.7945, 0.3138, 0.3061
Android (android.graphics.Color)	4286213754 (0xFF7A6E7A)
YUV	114.9560, 3.4727, 6.1776
Hunter-Lab	40.9810, 3.2647, -1.4804

Details

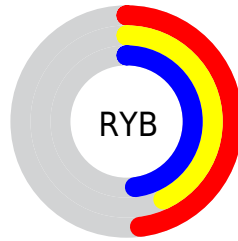
The CIELCh color $48, 8.591, 324.936$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 8.577, 143.912$, and the grayscale version is $49, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 8.040, 324.785$, and $28, 8.628, 325.165$ is the 20% darker color. If you saturate the color by 10%, you get $45, 17.408, 325.470$, and if you desaturate by 10%, it is $51, 0.156, 145.589$.

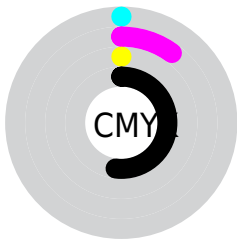
Distribution



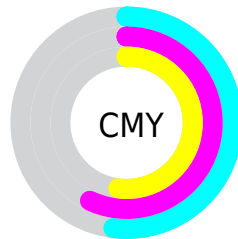
- Red (48%)
- Green (43%)
- Blue (48%)



- Red (48%)
- Yellow (43%)
- Blue (48%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (52%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 8.591, 324.936 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, 8.591, 324.936 by changing the saturation by 10% instead.

■ 48, 8.591, 324.936

■ 48, 8.591, 324.936

■ 100, 8.591,
324.936

■ 38, 8.591, 324.936

■ 68, 8.591, 324.936

■ 28, 8.591, 324.936

■ 78, 8.591, 324.936

■ 18, 8.591, 324.936

■ 88, 8.591, 324.936

■ 8, 8.591, 324.936

■ 98, 8.591, 324.936

■ 0, 8.591, 324.936

■ 48, 8.591, 324.936

■ 48, 8.591, 324.936

■ 45, 17.408,
325.470

■ 51, 0.156, 145.589

■ 42, 26.175,

■ 55, 8.745, 143.942

325.987

58, 17.128,
143.435

39, 34.713,
326.480

62, 25.276,
142.954

36, 42.789,
326.936

66, 33.177,
142.499

34, 50.118,
327.340

69, 40.830,
142.069

32, 56.388,
327.677

73, 48.239,
141.665

30, 61.312,
327.937

77, 55.414,
141.287

29, 64.702,
328.112

80, 62.367,
140.934

28, 67.052,
328.233

Harmonies

Complementary

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



48, 8.591, 324.936



50, 8.577, 143.912

Rectangle

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



48, 8.591, 324.936



48, 8.591, 14.936



48, 8.591, 144.936



48, 8.591, 194.936

Sweetspot

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



48, 8.589, 324.936



64, 3.229, 324.537



47, 7.115, 291.149



33, 2.434, 324.587



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, 8.589, 324.936



60, 12.973, 325.070



48, 6.053, 344.388



24, 4.930, 324.895



29, 68.129, 328.235



60, 114.684, 328.235

Inverse Universe

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



48, 8.589, 324.936



60, 12.973, 325.070



50, 5.977, 162.914



24, 4.930, 324.895



29, 68.129, 328.235



60, 114.684, 328.235

Previews

White Background



This preview shows how the CIELCh color 48, 8.591, 324.936 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, 8.591, 324.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

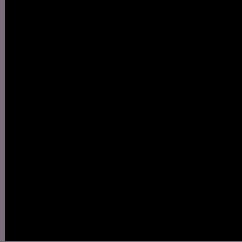
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 8.591, 324.936

Background



This preview shows how black text looks on a background with the CIELCh color 48, 8.591, 324.936.



This preview shows how white text looks on a background with the CIELCh color 48, 8.591, 324.936.

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, 8.591, 324.936

Protanopia

48, 6.493, 291.052

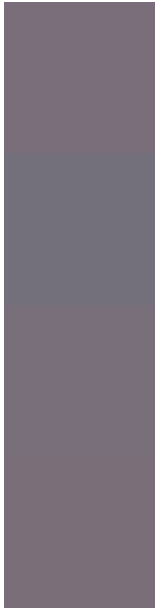
Deuteranopia

48, 7.654, 322.370



Tritanopia
48, 6.504, 333.743

Trichromacy



Original Color

48, 8.591, 324.936

Protanomaly

48, 6.708, 304.617

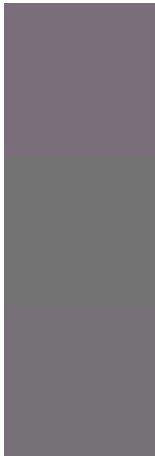
Deuteranomaly

48, 7.654, 322.370

Tritanomaly

48, 6.939, 330.398

Monochromacy



Original Color

48, 8.591, 324.936

Achromatopsia

48, 0.006, 296.813

Achromatomaly

48, 3.590, 324.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 8.591, 324.936 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(122, 110, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 110, 122)  
}
```

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(122, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 110, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 8.591, 324.936 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(122, 110, 122) }
```

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

```
.border{ border-color:rgb(122, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 110,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 8.591, 324.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 110, 122) }
```

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

```
.background{ background-color: rgb(122,  
110, 122) }
```

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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