

Converting Colors

CIELCh(48, 11.078, 172.420)

Have a look what the booklet for
CIELCh(48, 11.078, 172.420)
contains.

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Color

CIELCh(48, 10.974, 172.704)

Conversions

Conversions Part 1

Format	Color
Hex	5E776F
RGB	94, 119, 111
RGB Percent	37%, 47%, 44%
CMY	0.6305, 0.5324, 0.5638
CMYK	0.21, 0.00, 0.07, 0.53
HSL	161°, 12%, 42%
HSV	161°, 21%, 47%
XYZ	14.1466, 16.7945, 17.6022
YIQ	110.6130, -12.3320, -7.7880

Conversions

Conversions Part 2

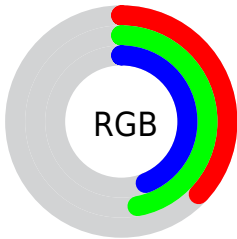
Format	Color
RYB	94, 109, 119
Decimal	6190959
CIELab	48.00, -10.89, 1.39
CIELCh	48, 10.974, 172.704
Yxy	16.7945, 0.2914, 0.3460
Android (android.graphics.Color)	4284381039 (0xFF5E776F)
YUV	110.6130, 0.1908, -14.5696
Hunter-Lab	40.9810, -10.0988, 3.2205

Details

The CIELCh color $48, 10.974, 172.704$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 11.581, 356.592$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 10.655, 174.063$, and $28, 11.473, 170.717$ is the 20% darker color. If you saturate the color by 10%, you get $47, 15.998, 171.670$, and if you desaturate by 10%, it is $49, 5.790, 173.672$.

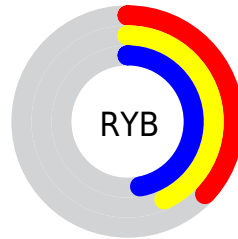
Distribution



Red (37%)

Green (47%)

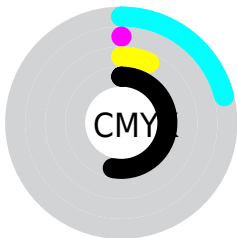
Blue (44%)



Red (37%)

Yellow (43%)

Blue (47%)

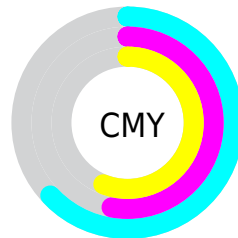


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (53%)



Cyan (63%)


Magenta (53%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 10.974, 172.704 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, 10.974, 172.704 by changing the saturation by 10% instead.


 48, 10.974,
172.704


 48, 10.974,
172.704


 100, 10.974,
172.704


 38, 10.974,
172.704

 68, 10.974,
172.704


 28, 10.974,
172.704

 78, 10.974,
172.704

 18, 10.974,
172.704

 88, 10.974,
172.704

 8, 10.974, 172.704

 98, 10.974,
172.704

 0, 10.974, 172.704

 48, 10.974,

 48, 10.974,

172.704

172.704

■ 47, 15.998,
171.670

■ 49, 5.790, 173.672

■ 46, 20.781,
170.551

■ 50, 0.513, 175.126

■ 46, 25.245,
169.325

■ 51, 4.800, 355.258

■ 45, 29.310,
167.968

■ 52, 10.102,
356.075

■ 45, 32.911,
166.459

■ 54, 15.355,
356.828

■ 44, 36.006,
164.777

■ 55, 20.534,
357.541

■ 44, 38.587,
162.911

■ 57, 25.620,
358.221

■ 44, 40.684,
161.215

■ 58, 30.600,
358.871

■ 60, 35.467,

359.496

Harmonies

Complementary

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



48, 10.974, 172.704



43, 11.581, 356.592

Rectangle

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



48, 10.974, 172.704



48, 10.974, 222.704



48, 10.974, 352.704



48, 10.974, 42.704

Sweetspot

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



48, 10.975, 172.701



63, 3.945, 174.148



48, 16.249, 133.780



33, 2.637, 174.097



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, 10.975, 172.701



61, 16.174, 172.230



47, 8.238, 216.120



24, 2.933, 173.861



45, 41.498, 161.149



88, 71.871, 159.846

Inverse Universe

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



43, 11.581, 356.592



53, 17.284, 357.134



44, 9.424, 35.699



23, 3.003, 355.326



25, 50.011, 17.071



53, 86.057, 20.444

Previews

White Background



This preview shows how the CIELCh color 48, 10.974, 172.704 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, 10.974, 172.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

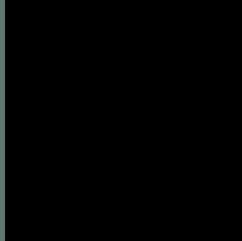
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 48, 10.974, 172.704

Background



This preview shows how black text looks on a background with the CIELCh color 48, 10.974, 172.704.

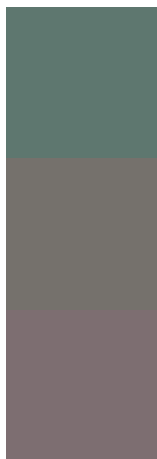


This preview shows how white text looks on a background with the CIELCh color 48, 10.974, 172.704.

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

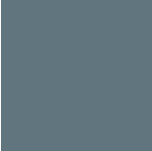
48, 10.974, 172.704

Protanopia

48, 3.363, 80.204

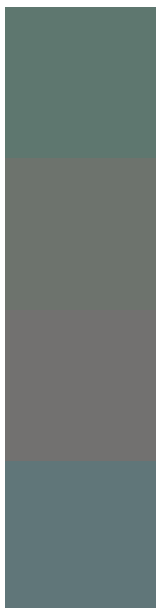
Deuteranopia

48, 6.442, 4.290



Tritanopia
48, 9.029, 234.936

Trichromacy



Original Color
48, 10.974, 172.704

Protanomaly
48, 4.318, 144.201

Deuteranomaly
48, 0.708, 74.875

Tritanomaly
48, 8.497, 210.629

Monochromacy



Original Color
48, 10.974, 172.704

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 4.054, 173.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 10.974, 172.704 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(94, 119, 111)` looks like.

```
.text, #text, p{  
    color:rgb(94, 119, 111)  
}
```

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(94, 119, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 119, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 10.974, 172.704 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(94, 119, 111) }
```

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

```
.border{ border-color:rgb(94, 119, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 119, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 119, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 119, 111);  
box-shadow:4px 4px 4px 4px rgb(94, 119,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 10.974, 172.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 119, 111) }
```

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

```
.background{ background-color: rgb(94, 119,  
111) }
```

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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