

Converting Colors

CIELCh(48, 11.270, 153.386)

Have a look what the booklet for
CIELCh(48, 11.270, 153.386)
contains.

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Color

CIELCh(48, 11.627, 153.128)

Conversions

Conversions Part 1

Format	Color
Hex	637769
RGB	99, 119, 105
RGB Percent	39%, 47%, 41%
CMY	0.6126, 0.5342, 0.5891
CMYK	0.17, 0.00, 0.12, 0.53
HSL	138°, 9%, 43%
HSV	138°, 17%, 47%
XYZ	14.2290, 16.7945, 15.7960
YIQ	111.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

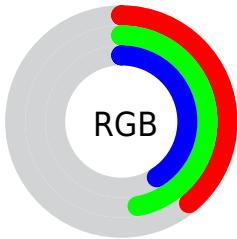
Format	Color
R _Y B	99, 114, 119
Decimal	6518633
CIE Lab	48.00, -10.37, 5.26
CIE LCh	48, 11.627, 153.128
Yxy	16.7945, 0.3039, 0.3587
Android (android.graphics.Color)	4284708713 (0xFF637769)
YUV	111.4240, -3.1670, -10.8958
Hunter-Lab	40.9810, -9.7398, 5.8336

Details

The CIELCh color $48, 11.627, 153.128$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 11.710, 335.384$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 11.535, 152.885$, and $28, 11.944, 153.072$ is the 20% darker color. If you saturate the color by 10%, you get $47, 18.544, 152.286$, and if you desaturate by 10%, it is $49, 4.700, 153.888$.

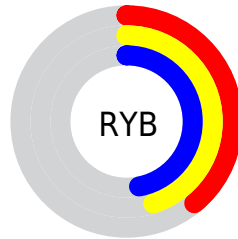
Distribution



Red (39%)

Green (47%)

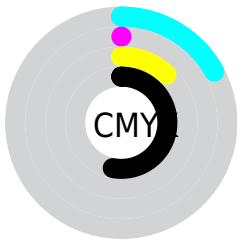
Blue (41%)



Red (39%)

Yellow (45%)

Blue (47%)

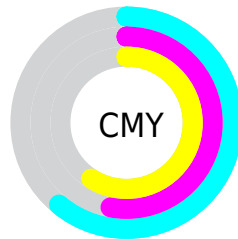


Cyan (17%)

Magenta (0%)

Yellow (12%)

Black (53%)



Cyan (61%)


Magenta (53%)

Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 11.627, 153.128 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, 11.627, 153.128 by changing the saturation by 10% instead.


 48, 11.627,
153.128


 48, 11.627,
153.128


 100, 11.627,
153.128


 38, 11.627,
153.128

 68, 11.627,
153.128


 28, 11.627,
153.128

 78, 11.627,
153.128

 18, 11.627,
153.128


 88, 11.627,
153.128

 8, 11.627, 153.128

 98, 11.627,
153.128

 0, 11.627, 153.128

 48, 11.627,

 48, 11.627,

153.128

■ 47, 18.544,
152.286

■ 46, 25.358,
151.330

■ 45, 31.965,
150.236

■ 45, 38.246,
148.988

■ 44, 44.080,
147.572

■ 44, 49.355,
145.988

■ 43, 53.979,
144.251

■ 43, 57.957,
142.475

153.128

■ 49, 4.700, 153.888

■ 50, 2.170, 334.377

■ 52, 8.927, 335.029

■ 53, 15.535,
335.551

■ 55, 21.968,
336.015

■ 56, 28.212,
336.432

■ 58, 34.259,
336.812

■ 59, 40.110,
337.159

■ 61, 45.768,

■ 43, 59.140,
141.982

337.478

Harmonies

Complementary

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



48, 11.627, 153.128



44, 11.710, 335.384

Rectangle

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



48, 11.627, 153.128



48, 11.627, 203.128



48, 11.627, 333.128



48, 11.627, 23.128

Sweetspot

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



48, 11.628, 153.127



63, 4.282, 154.020



49, 11.943, 120.882



33, 2.946, 153.975



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, 11.628, 153.127



61, 17.239, 152.830



48, 8.225, 181.844



24, 3.836, 153.723



44, 60.525, 141.913



86, 105.382, 140.755

Inverse Universe

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



44, 11.710, 335.384



56, 17.379, 335.646



44, 8.769, 4.797



23, 3.855, 334.836



26, 53.979, 344.126



55, 90.582, 345.304

Previews

White Background



This preview shows how the CIELCh color 48, 11.627, 153.128 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, 11.627, 153.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

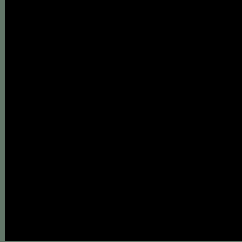
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

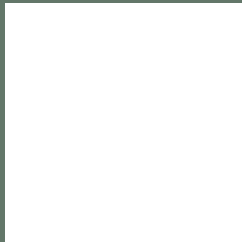
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 11.627, 153.128

Background



This preview shows how black text looks on a background with the CIELCh color 48, 11.627, 153.128.

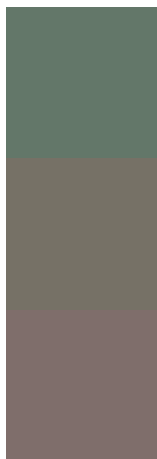


This preview shows how white text looks on a background with the CIELCh color 48, 11.627, 153.128.

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

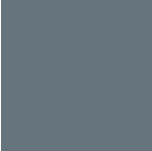
48, 11.627, 153.128

Protanopia

48, 6.793, 91.139

Deuteranopia

48, 7.387, 33.911



Tritanopia
48, 7.405, 244.969

Trichromacy



Original Color
48, 11.627, 153.128

Protanomaly
48, 7.252, 122.519

Deuteranomaly
48, 4.430, 87.465

Tritanomaly
48, 6.236, 204.221

Monochromacy



Original Color
48, 11.627, 153.128

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 4.123, 153.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 11.627, 153.128 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(99, 119, 105)` looks like.

```
.text, #text, p{  
    color:rgb(99, 119, 105)  
}
```

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(99, 119, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 119, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 11.627, 153.128 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(99, 119, 105) }
```

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

```
.border{ border-color:rgb(99, 119, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 119, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 119, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 119, 105);  
box-shadow:4px 4px 4px 4px rgb(99, 119,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 11.627, 153.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 119, 105) }
```

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

```
.background{ background-color: rgb(99, 119,  
105) }
```

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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