

Converting Colors

CIELCh(48, 10.504, 184.920)

Have a look what the booklet for
CIELCh(48, 10.504, 184.920)
contains.

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Color

CIELCh(48, 10.362, 185.070)

Conversions

Conversions Part 1

Format	Color
Hex	5D7773
RGB	93, 119, 115
RGB Percent	36%, 47%, 45%
CMY	0.6349, 0.5329, 0.5486
CMYK	0.22, 0.00, 0.03, 0.53
HSL	171°, 12%, 42%
HSV	171°, 22%, 47%
XYZ	14.2371, 16.7945, 18.7454
YIQ	110.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

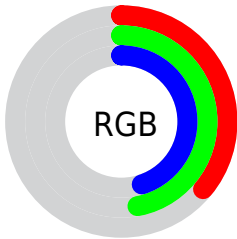
Format	Color
R _Y B	93, 107, 119
Decimal	6125427
CIE Lab	48.00, -10.32, -0.92
CIE LCh	48, 10.362, 185.070
Yxy	16.7945, 0.2860, 0.3374
Android (android.graphics.Color)	4284315507 (0xFF5D7773)
YUV	110.7700, 2.0854, -15.5843
Hunter-Lab	40.9810, -9.7047, 1.5666

Details

The CIELCh color **48, 10.362, 185.070** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **42, 11.410, 8.877**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 10.159, 186.011**, and **28, 10.645, 183.582** is the 20% darker color. If you saturate the color by 10%, you get **47, 14.753, 184.183**, and if you desaturate by 10%, it is **49, 5.720, 185.932**.

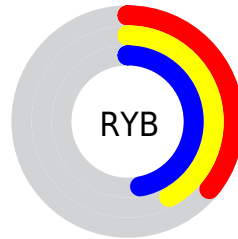
Distribution



Red (36%)

Green (47%)

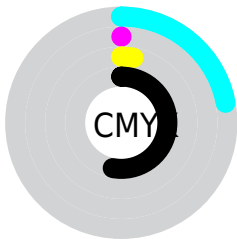
Blue (45%)



Red (36%)

Yellow (42%)

Blue (47%)

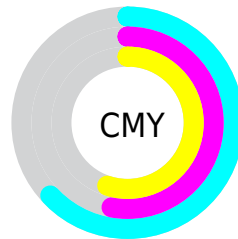


Cyan (22%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (63%)


Magenta (53%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 10.362, 185.070 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, 10.362, 185.070 by changing the saturation by 10% instead.


 48, 10.362,
185.070


 48, 10.362,
185.070


 100, 10.362,
185.070


 38, 10.362,
185.070

 68, 10.362,
185.070


 28, 10.362,
185.070

 78, 10.362,
185.070

 18, 10.362,
185.070


 88, 10.362,
185.070

 8, 10.362, 185.070

 98, 10.362,
185.070

 0, 10.362, 185.070

 48, 10.362,

 48, 10.362,

185.070

185.070

■ 47, 14.753,
184.183

■ 49, 5.720, 185.932

■ 47, 18.817,
183.263

■ 50, 0.896, 187.079

■ 51, 4.049, 7.378

■ 46, 22.480,
182.292

■ 52, 9.062, 8.193

■ 45, 25.675,
181.253

■ 53, 14.100, 8.954

■ 55, 19.130, 9.689

■ 45, 28.350,
180.128

■ 56, 24.127, 10.404

■ 45, 30.481,
178.900

■ 58, 29.071, 11.099

■ 59, 33.949, 11.775

■ 45, 32.073,
177.549

■ 44, 33.189,
176.436

Harmonies

Complementary

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



48, 10.362, 185.070



42, 11.410, 8.877

Rectangle

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



48, 10.362, 185.070



48, 10.362, 235.070



48, 10.362, 5.070



48, 10.362, 55.070

Sweetspot

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



48, 10.363, 185.065



63, 4.240, 186.352



48, 17.778, 138.727



33, 2.775, 186.312



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, 10.363, 185.065



61, 15.190, 184.643



46, 8.231, 237.850



24, 2.698, 186.181



46, 33.859, 176.387



88, 57.988, 175.455

Inverse Universe

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



42, 11.410, 8.877



53, 17.118, 9.459



44, 9.200, 54.070



23, 2.805, 7.520



24, 54.580, 30.681



52, 95.349, 33.698

Previews

White Background



This preview shows how the CIELCh color 48, 10.362, 185.070 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, 10.362, 185.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

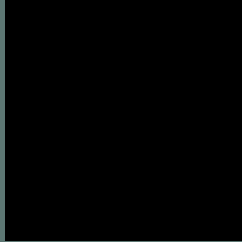
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 10.362, 185.070

Background



This preview shows how black text looks on a background with the CIELCh color 48, 10.362, 185.070.



This preview shows how white text looks on a background with the CIELCh color 48, 10.362, 185.070.

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, 10.362, 185.070

Protanopia
48, 1.353, 45.012

Deuteranopia
48, 6.726, 342.412



Tritanopia
48, 9.898, 235.483

Trichromacy



Original Color
48, 10.362, 185.070

Protanomaly
48, 3.064, 176.535

Deuteranomaly
48, 1.814, 277.687

Tritanomaly
48, 9.388, 216.915

Monochromacy



Original Color
48, 10.362, 185.070

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 4.189, 182.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 10.362, 185.070 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(93, 119, 115)` looks like.

```
.text, #text, p{  
    color:rgb(93, 119, 115)  
}
```

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(93, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 119, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 10.362, 185.070 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(93, 119, 115) }
```

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

```
.border{ border-color:rgb(93, 119, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 119, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 119, 115);  
box-shadow:4px 4px 4px 4px rgb(93, 119,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 10.362, 185.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 119, 115) }
```

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

```
.background{ background-color: rgb(93, 119,  
115) }
```

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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