

Converting Colors

CIELCh(49, 5.867, 188.943)

Have a look what the booklet for
CIELCh(49, 5.867, 188.943) contains.

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Color

CIELCh(49, 5.538, 192.748)

Conversions

Conversions Part 1

Format	Color
Hex	697776
RGB	105, 119, 118
RGB Percent	41%, 47%, 46%
CMY	0.5872, 0.5322, 0.5362
CMYK	0.12, 0.00, 0.01, 0.53
HSL	176°, 6%, 44%
HSV	176°, 12%, 47%
XYZ	15.7740, 17.5941, 19.7905
YIQ	114.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

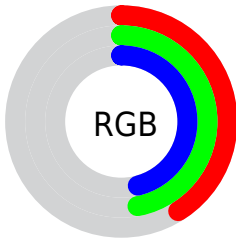
Format	Color
R_{YB}	105, 112, 119
Decimal	6911862
CIE _{Lab}	49.00, -5.40, -1.22
CIE _{LCh}	49, 5.538, 192.748
Yxy	17.5941, 0.2967, 0.3310
Android (android.graphics.Color)	4285101942 (0xFF697776)
YUV	114.7000, 1.6269, -8.5069
Hunter-Lab	41.9453, -6.2774, 1.3877

Details

The CIELCh color **49, 5.538, 192.748** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 5.890, 14.312**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 5.579, 193.352**, and **29, 5.565, 191.895** is the 20% darker color. If you saturate the color by 10%, you get **48, 10.015, 192.028**, and if you desaturate by 10%, it is **50, 0.837, 193.796**.

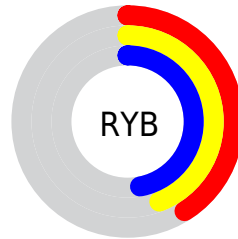
Distribution



Red (41%)

Green (47%)

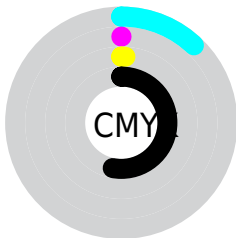
Blue (46%)



Red (41%)

Yellow (44%)

Blue (47%)

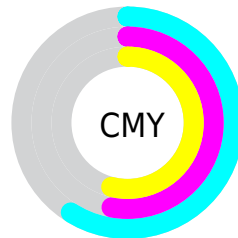


Cyan (12%)

Magenta (0%)

Yellow (1%)

Black (53%)



Cyan (59%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 5.538, 192.748 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 49, 5.538, 192.748 by changing the saturation by 10% instead.

■ 49, 5.538, 192.748

■ 49, 5.538, 192.748

■ 100, 5.538,
192.748

■ 39, 5.538, 192.748

■ 69, 5.538, 192.748

■ 29, 5.538, 192.748

■ 79, 5.538, 192.748

■ 19, 5.538, 192.748

■ 89, 5.538, 192.748

■ 9, 5.538, 192.748

■ 99, 5.538, 192.748

■ 0, 5.538, 192.748

■ 49, 5.538, 192.748

■ 49, 5.538, 192.748

■ 48, 10.015,
192.028

■ 50, 0.837, 193.796

■ 47, 14.195,

■ 51, 4.028, 13.944

191.339

52, 9.001, 14.679

47, 18.007,
190.657

53, 14.035, 15.374

46, 21.379,
189.973

55, 19.095, 16.057

46, 24.251,
189.280

56, 24.151, 16.730

45, 26.578,
188.568

59, 34.171, 18.042

45, 28.342,
187.824

61, 39.106, 18.678

45, 29.555,
187.036

45, 30.355,
186.381

Harmonies

Complementary

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



49, 5.538, 192.748



46, 5.890, 14.312

Rectangle

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



49, 5.538, 192.748



49, 5.538, 242.748



49, 5.538, 12.748



49, 5.538, 62.748

Sweetspot

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



49, 5.539, 192.737



64, 2.378, 193.381



49, 9.796, 141.599



33, 1.702, 193.311



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49, 5.539, 192.737



63, 8.160, 192.548



47, 4.647, 247.278



24, 2.633, 192.943



46, 30.928, 186.355



89, 52.643, 185.836

Inverse Universe

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



46, 5.890, 14.312



58, 8.803, 14.552



47, 4.848, 64.651



23, 2.759, 14.065



24, 57.087, 35.107



52, 100.109, 37.872

Previews

White Background



This preview shows how the CIELCh color 49, 5.538, 192.748 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 49, 5.538, 192.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

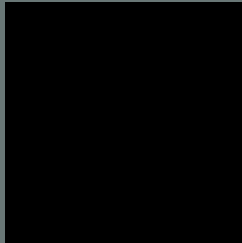
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

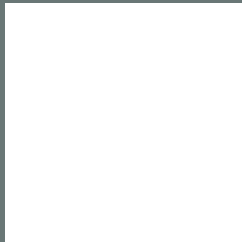
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 5.538, 192.748

Background



This preview shows how black text looks on a background with the CIELCh color 49, 5.538, 192.748.



This preview shows how white text looks on a background with the CIELCh color 49, 5.538, 192.748.

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

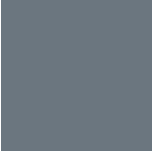
49, 5.538, 192.748

Protanopia

49, 0.810, 19.041

Deuteranopia

49, 6.696, 342.392



Tritanopia
49, 6.664, 251.816

Trichromacy



Original Color
49, 5.538, 192.748

Protanomaly
49, 1.599, 199.458

Deuteranomaly
49, 2.659, 317.380

Tritanomaly
49, 5.740, 237.056

Monochromacy



Original Color
49, 5.538, 192.748

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 2.478, 185.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 5.538, 192.748 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(105, 119, 118)` looks like.

```
.text, #text, p{  
    color:rgb(105, 119, 118)  
}
```

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(105, 119, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 119, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 5.538, 192.748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

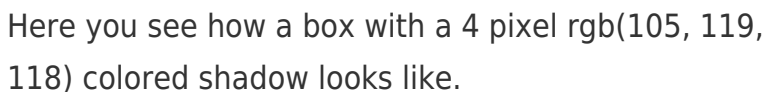
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 119, 118) }
```

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

```
.border{ border-color:rgb(105, 119, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 119, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 119, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 119, 118);  
box-shadow:4px 4px 4px 4px rgb(105, 119,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 5.538, 192.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 119, 118) }
```

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

```
.background{ background-color: rgb(105,  
119, 118) }
```

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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