

Converting Colors

CIELCh(49, 6.029, 183.579)

Have a look what the booklet for
CIELCh(49, 6.029, 183.579) contains.

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Color

CIELCh(49, 6.197, 182.240)

Conversions

Conversions Part 1

Format	Color
Hex	697875
RGB	105, 120, 117
RGB Percent	41%, 47%, 46%
CMY	0.5897, 0.5309, 0.5427
CMYK	0.13, 0.00, 0.03, 0.53
HSL	168°, 7%, 44%
HSV	168°, 13%, 47%
XYZ	15.6382, 17.5941, 19.2814
YIQ	115.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

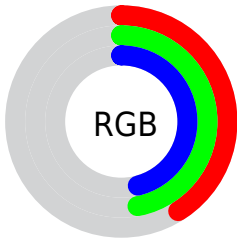
Format	Color
R_{YB}	105, 113, 120
Decimal	6912117
CIE _{Lab}	49.00, -6.19, -0.24
CIE _{LCh}	49, 6.197, 182.240
Yxy	17.5941, 0.2978, 0.3350
Android (android.graphics.Color)	4285102197 (0xFF697875)
YUV	115.1730, 0.9007, -8.9217
Hunter-Lab	41.9453, -6.8553, 2.1072

Details

The CIELCh color $49, 6.197, 182.240$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 6.498, 4.335$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $69, 6.179, 183.476$, and $29, 6.314, 180.616$ is the 20% darker color. If you saturate the color by 10%, you get $48, 10.967, 181.310$, and if you desaturate by 10%, it is $50, 1.266, 183.309$.

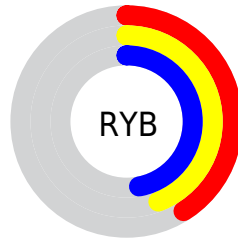
Distribution



Red (41%)

Green (47%)

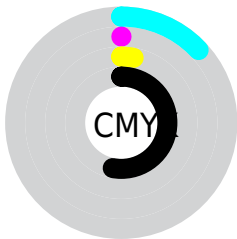
Blue (46%)



Red (41%)

Yellow (44%)

Blue (47%)

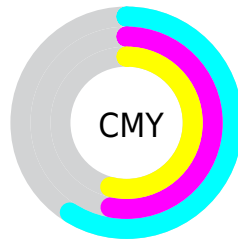


Cyan (13%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (59%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 6.197, 182.240 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, 6.197, 182.240 by changing the saturation by 10% instead.

■ 49, 6.197, 182.240

■ 49, 6.197, 182.240

■ 100, 6.197,
182.240

■ 39, 6.197, 182.240

■ 69, 6.197, 182.240

■ 29, 6.197, 182.240

■ 79, 6.197, 182.240

■ 19, 6.197, 182.240

■ 89, 6.197, 182.240

■ 9, 6.197, 182.240

■ 99, 6.197, 182.240

■ 0, 6.197, 182.240

■ 49, 6.197, 182.240

■ 49, 6.197, 182.240

■ 48, 10.967,
181.310

■ 50, 1.266, 183.309

■ 47, 15.502,

■ 51, 3.768, 3.761

180.353

52, 8.851, 4.606

47, 19.728,
179.338

54, 13.941, 5.385

46, 23.568,
178.249

55, 19.007, 6.132

46, 26.953,
177.068

56, 24.023, 6.854

45, 29.829,
175.773

58, 28.973, 7.552

59, 33.844, 8.228

45, 32.168,
174.345

45, 33.979,
172.768

44, 35.192,
171.595

Harmonies

Complementary

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



49, 6.197, 182.240



46, 6.498, 4.335

Rectangle

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



49, 6.197, 182.240



49, 6.197, 232.240



49, 6.197, 2.240



49, 6.197, 52.240

Sweetspot

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



49, 6.198, 182.232



64, 2.475, 183.072



49, 10.055, 137.771



33, 1.772, 182.994



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, 6.198, 182.232



62, 9.160, 181.972



48, 4.829, 230.407



24, 2.751, 182.559



45, 35.799, 171.547



88, 61.525, 170.461

Inverse Universe

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



46, 6.498, 4.335



57, 9.710, 4.635



47, 5.168, 48.748



23, 2.846, 3.971



24, 53.029, 27.291



52, 92.423, 30.551

Previews

White Background



This preview shows how the CIELCh color 49, 6.197, 182.240 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 49, 6.197, 182.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

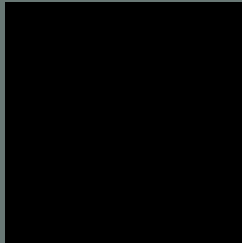
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 6.197, 182.240

Background



This preview shows how black text looks on a background with the CIELCh color 49, 6.197, 182.240.



This preview shows how white text looks on a background with the CIELCh color 49, 6.197, 182.240.

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

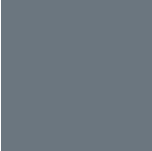
49, 6.197, 182.240

Protanopia

49, 1.683, 63.310

Deuteranopia

49, 6.428, 353.067



Tritanopia
49, 6.664, 251.816

Trichromacy



Original Color
49, 6.197, 182.240

Protanomaly
49, 1.692, 155.635

Deuteranomaly
49, 2.013, 343.774

Tritanomaly
49, 5.493, 224.352

Monochromacy



Original Color
49, 6.197, 182.240

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, 6.197, 182.240 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, 120, 117)` looks like.

```
.text, #text, p{  
    color:rgb(105, 120, 117)  
}
```

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, 120, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 120, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 6.197, 182.240 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, 120, 117) }
```

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

```
.border{ border-color:rgb(105, 120, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 120, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 120, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 120, 117);  
box-shadow:4px 4px 4px 4px rgb(105, 120,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 6.197, 182.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 120, 117) }
```

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

```
.background{ background-color: rgb(105,  
120, 117) }
```

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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