

Converting Colors

CIELCh(49, 11.252, 210.414)

Have a look what the booklet for
CIELCh(49, 11.252, 210.414)
contains.

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Color

CIELCh(49, 11.252, 210.414)

Conversions

Conversions Part 1

Format	Color
Hex	5C7A7E
RGB	92, 122, 126
RGB Percent	36%, 48%, 49%
CMY	0.6405, 0.5229, 0.5072
CMYK	0.27, 0.03, 0.00, 0.51
HSL	187°, 16%, 43%
HSV	187°, 27%, 49%
XYZ	15.0446, 17.5941, 22.2291
YIQ	113.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

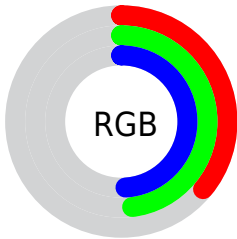
Format	Color
R_{YB}	92, 108, 126
Decimal	6060670
CIE _{Lab}	49.00, -9.70, -5.70
CIE _{LCh}	49, 11.252, 210.414
Yxy	17.5941, 0.2742, 0.3207
Android (android.graphics.Color)	4284250750 (0xFF5C7A7E)
YUV	113.4860, 6.1694, -18.8432
Hunter-Lab	41.9453, -9.3814, -2.0593

Details

The CIELCh color `49, 11.252, 210.414` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `43, 13.489, 31.163`, and the grayscale version is `48, 0.006, 296.813`.

A 20% lighter version of the original color is `69, 11.225, 212.805`, and `29, 11.261, 211.156` is the 20% darker color. If you saturate the color by 10%, you get `48, 14.830, 210.606`, and if you desaturate by 10%, it is `50, 7.323, 210.353`.

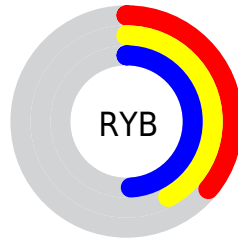
Distribution



Red (36%)

Green (48%)

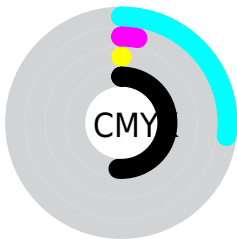
Blue (49%)



Red (36%)

Yellow (42%)

Blue (49%)

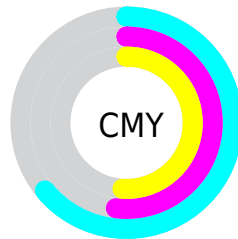


Cyan (27%)

Magenta (3%)

Yellow (0%)

Black (51%)



Cyan (64%)

Magenta (52%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 11.252, 210.414 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, 11.252, 210.414 by changing the saturation by 10% instead.


 49, 11.252,
210.414


 49, 11.252,
210.414


 100, 11.252,
210.414

 39, 11.252,
210.414

 69, 11.252,
210.414

 29, 11.252,
210.414

 79, 11.252,
210.414

 19, 11.252,
210.414

 89, 11.252,
210.414

 9, 11.252, 210.414

 99, 11.252,
210.414

 0, 11.252, 210.414

 49, 11.252,

 49, 11.252,

210.414

■ 48, 14.830,
210.606

■ 47, 17.991,
210.968

■ 46, 20.671,
211.528

■ 45, 22.820,
212.326

■ 44, 24.409,
213.403

■ 43, 25.438,
214.802

■ 43, 26.015,
216.503

■ 43, 26.173,
217.008

210.414

■ 50, 7.323, 210.353

■ 52, 3.109, 210.456

■ 53, 1.331, 30.145

■ 55, 5.941, 30.553

■ 56, 10.678, 30.808

■ 58, 15.502, 31.082

■ 60, 20.384, 31.377

■ 61, 25.297, 31.688

■ 63, 30.224, 32.008

Harmonies

Complementary

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



49, 11.252, 210.414



43, 13.489, 31.163

Rectangle

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



49, 11.252, 210.414



49, 11.252, 260.414



49, 11.252, 30.414



49, 11.252, 80.414

Sweetspot

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



49, 11.252, 210.409



66, 4.358, 210.431



49, 22.407, 145.960



34, 3.071, 210.408



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



49, 11.252, 210.409



62, 16.140, 210.503



44, 13.287, 270.882



26, 2.503, 210.414



43, 26.445, 217.042



0, 0.000, 0.000

Inverse Universe

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



43, 22.431, 329.338



54, 32.805, 329.669



48, 13.594, 83.543



25, 4.706, 328.294



29, 63.220, 333.361



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 11.252, 210.414 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, 11.252, 210.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

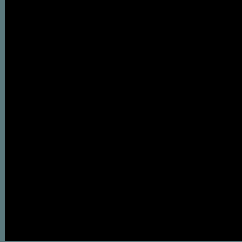
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 11.252, 210.414

Background



This preview shows how black text looks on a background with the CIELCh color 49, 11.252, 210.414.



This preview shows how white text looks on a background with the CIELCh color 49, 11.252, 210.414.

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, 11.252, 210.414

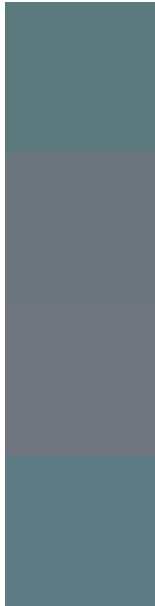
Protanopia
49, 4.146, 296.204

Deuteranopia
49, 9.008, 314.325



Tritanopia
49, 11.560, 229.208

Trichromacy



Original Color
49, 11.252, 210.414

Protanomaly
49, 5.176, 242.242

Deuteranomaly
49, 6.707, 274.372

Tritanomaly
49, 11.126, 223.577

Monochromacy



Original Color
49, 11.252, 210.414

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 4.449, 214.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 11.252, 210.414 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(92, 122, 126)` looks like.

```
.text, #text, p{  
    color:rgb(92, 122, 126)  
}
```

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(92, 122, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 122, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 11.252, 210.414 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(92, 122, 126) }
```

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

```
.border{ border-color:rgb(92, 122, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 122, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 122, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 122, 126);  
box-shadow:4px 4px 4px 4px rgb(92, 122,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 11.252, 210.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 122, 126) }
```

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

```
.background{ background-color: rgb(92, 122,  
126) }
```

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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