

Converting Colors

CIELCh(49, 12.140, 173.569)

Have a look what the booklet for
CIELCh(49, 12.140, 173.569)
contains.

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Color

CIELCh(49, 11.936, 174.879)

Conversions

Conversions Part 1

Format	Color
Hex	5E7A72
RGB	94, 122, 114
RGB Percent	37%, 48%, 45%
CMY	0.6304, 0.5206, 0.5520
CMYK	0.23, 0.00, 0.07, 0.52
HSL	163°, 13%, 42%
HSV	163°, 23%, 48%
XYZ	14.6829, 17.5941, 18.6158
YIQ	112.7160, -14.1200, -8.4240

Conversions

Conversions Part 2

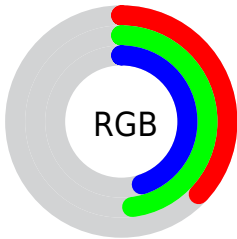
Format	Color
R_{YB}	94, 110, 122
Decimal	6191730
CIE _{Lab}	49.00, -11.89, 1.07
CIE _{LCh}	49, 11.936, 174.879
Yxy	17.5941, 0.2885, 0.3457
Android (android.graphics.Color)	4284381810 (0xFF5E7A72)
YUV	112.7160, 0.6330, -16.4139
Hunter-Lab	41.9453, -10.9203, 3.0482

Details

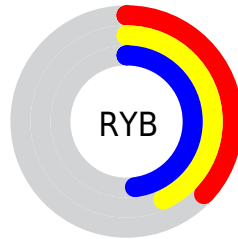
The CIELCh color $49, 11.936, 174.879$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $43, 12.764, 359.215$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $69, 11.599, 176.146$, and $29, 11.782, 174.992$ is the 20% darker color. If you saturate the color by 10%, you get $48, 16.874, 173.839$, and if you desaturate by 10%, it is $50, 6.802, 175.853$.

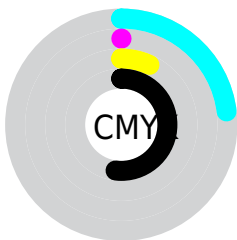
Distribution



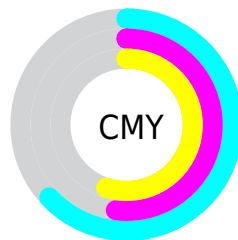
- Red (37%)
- Green (48%)
- Blue (45%)



- Red (37%)
- Yellow (43%)
- Blue (48%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)





- Cyan (63%)
- Magenta (52%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 11.936, 174.879 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, 11.936, 174.879 by changing the saturation by 10% instead.


 49, 11.936,
174.879


 49, 11.936,
174.879


 100, 11.936,
174.879


 39, 11.936,
174.879

 69, 11.936,
174.879


 29, 11.936,
174.879

 79, 11.936,
174.879

 19, 11.936,
174.879


 89, 11.936,
174.879

 9, 11.936, 174.879

 99, 11.936,
174.879

 0, 11.936, 174.879

 49, 11.936,

 49, 11.936,

174.879

174.879

■ 48, 16.874,
173.839

■ 50, 6.802, 175.853

■ 47, 21.535,
172.717

■ 51, 1.542, 176.917

■ 52, 3.781, 357.454

■ 47, 25.837,
171.491

■ 53, 9.115, 358.307

■ 46, 29.704,
170.139

■ 55, 14.421,
359.083

■ 46, 33.076,
168.638

■ 56, 19.668,
359.820

■ 46, 35.920,
166.969

■ 58, 24.835, 0.523

■ 59, 29.905, 1.199

■ 45, 38.241,
165.122

■ 61, 34.871, 1.849

■ 45, 39.762,
163.831

Harmonies

Complementary

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



49, 11.936, 174.879



43, 12.764, 359.215

Rectangle

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



49, 11.936, 174.879



49, 11.936, 224.879



49, 11.936, 354.879



49, 11.936, 44.879

Sweetspot

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



49, 11.937, 174.876



64, 4.571, 176.413



49, 18.299, 134.731



33, 2.953, 176.372



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, 11.937, 174.876



62, 17.242, 174.394



48, 8.964, 220.352



25, 2.979, 176.224



46, 40.421, 163.779



89, 69.338, 162.553

Inverse Universe

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



43, 12.764, 359.215



53, 18.711, 359.796



44, 10.372, 39.165



24, 3.059, 357.706



25, 51.475, 20.281



53, 88.278, 23.591

Previews

White Background



This preview shows how the CIELCh color 49, 11.936, 174.879 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, 11.936, 174.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

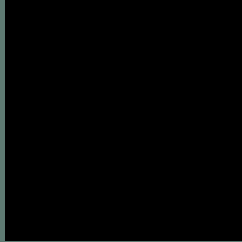
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 11.936, 174.879

Background



This preview shows how black text looks on a background with the CIELCh color 49, 11.936, 174.879.



This preview shows how white text looks on a background with the CIELCh color 49, 11.936, 174.879.

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, 11.936, 174.879

Protanopia

49, 3.165, 86.788

Deuteranopia

49, 6.591, 359.356



Tritanopia
49, 10.148, 234.232

Trichromacy



Original Color
49, 11.936, 174.879

Protanomaly
49, 4.810, 151.958

Deuteranomaly
49, 0.711, 144.640

Tritanomaly
49, 9.514, 209.186

Monochromacy



Original Color
49, 11.936, 174.879

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 4.400, 175.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 11.936, 174.879 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(94, 122, 114)` looks like.

```
.text, #text, p{  
  color:rgb(94, 122, 114)  
}
```

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(94, 122, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 122, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 11.936, 174.879 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(94, 122, 114) }
```

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

```
.border{ border-color:rgb(94, 122, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 122, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 122, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 122, 114);  
box-shadow:4px 4px 4px 4px rgb(94, 122,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 11.936, 174.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 122, 114) }
```

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

```
.background{ background-color: rgb(94, 122,  
114) }
```

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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