

Converting Colors

CIELCh(49, 11.476, 173.524)

Have a look what the booklet for
CIELCh(49, 11.476, 173.524)
contains.

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Color

CIELCh(49, 11.266, 173.509)

Conversions

Conversions Part 1

Format	Color
Hex	607A72
RGB	96, 122, 114
RGB Percent	38%, 48%, 45%
CMY	0.6238, 0.5219, 0.5533
CMYK	0.21, 0.00, 0.07, 0.52
HSL	162°, 12%, 43%
HSV	162°, 21%, 48%
XYZ	14.7973, 17.5941, 18.5112
YIQ	113.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

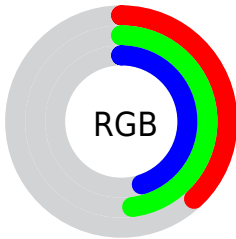
Format	Color
R_{YB}	96, 111, 122
Decimal	6322802
CIE _{Lab}	49.00, -11.19, 1.27
CIE _{LCh}	49, 11.266, 173.509
Yxy	17.5941, 0.2907, 0.3456
Android (android.graphics.Color)	4284512882 (0xFF607A72)
YUV	113.3140, 0.3382, -15.1844
Hunter-Lab	41.9453, -10.4338, 3.1959

Details

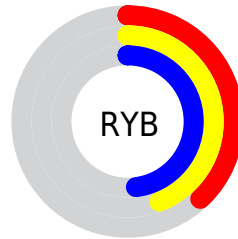
The CIELCh color $49, 11.266, 173.509$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 11.933, 357.491$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $69, 10.948, 174.819$, and $29, 11.098, 173.655$ is the 20% darker color. If you saturate the color by 10%, you get $48, 16.321, 172.472$, and if you desaturate by 10%, it is $50, 6.039, 174.480$.

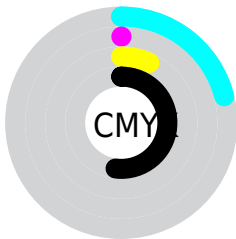
Distribution



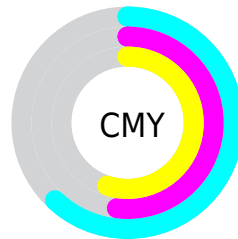
- Red (38%)
- Green (48%)
- Blue (45%)



- Red (38%)
- Yellow (44%)
- Blue (48%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)





- Cyan (62%)
- Magenta (52%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 11.266, 173.509 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, 11.266, 173.509 by changing the saturation by 10% instead.


 49, 11.266,
173.509


 49, 11.266,
173.509


 100, 11.266,
173.509


 39, 11.266,
173.509

 69, 11.266,
173.509


 29, 11.266,
173.509

 79, 11.266,
173.509

 19, 11.266,
173.509

 89, 11.266,
173.509

 9, 11.266, 173.509

 99, 11.266,
173.509

 0, 11.266, 173.509

 49, 11.266,

 49, 11.266,

173.509

173.509

■ 48, 16.321,
172.472

■ 50, 6.039, 174.480

■ 47, 21.122,
171.353

■ 51, 0.707, 175.779

■ 47, 25.587,
170.126

■ 52, 4.668, 356.075

■ 46, 29.638,
168.771

■ 53, 10.038,
356.902

■ 46, 33.210,
167.265

■ 55, 15.365,
357.663

■ 45, 36.261,
165.588

■ 56, 20.622,
358.385

■ 45, 38.787,
163.727

■ 58, 25.787,
359.073

■ 45, 40.757,
162.101

■ 59, 30.849,
359.733

■ 61, 35.799, 0.367

Harmonies

Complementary

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



49, 11.266, 173.509



43, 11.933, 357.491

Rectangle

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



49, 11.266, 173.509



49, 11.266, 223.509



49, 11.266, 353.509



49, 11.266, 43.509

Sweetspot

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



49, 11.267, 173.506



64, 3.969, 174.992



49, 16.908, 134.288



33, 2.618, 174.942



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, 11.267, 173.506



62, 16.878, 172.967



48, 8.437, 218.182



25, 3.017, 174.698



46, 41.522, 162.042



88, 71.313, 160.788

Inverse Universe

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



43, 11.933, 357.491



54, 18.147, 358.122



45, 9.668, 37.417



24, 3.092, 356.180



25, 51.013, 18.324



53, 87.260, 21.618

Previews

White Background



This preview shows how the CIELCh color 49, 11.266, 173.509 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, 11.266, 173.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

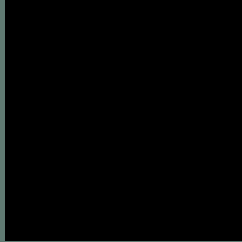
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

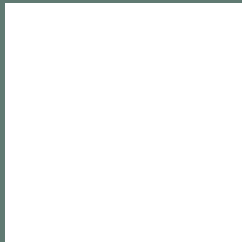
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 11.266, 173.509

Background



This preview shows how black text looks on a background with the CIELCh color 49, 11.266, 173.509.



This preview shows how white text looks on a background with the CIELCh color 49, 11.266, 173.509.

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, 11.266, 173.509

Protanopia
49, 3.869, 84.366

Deuteranopia
49, 6.591, 359.356



Tritanopia
49, 9.287, 233.581

Trichromacy



Original Color
49, 11.266, 173.509

Protanomaly
49, 5.018, 144.155

Deuteranomaly
49, 0.580, 110.026

Tritanomaly
49, 8.820, 210.109

Monochromacy



Original Color
49, 11.266, 173.509

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 4.042, 173.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 11.266, 173.509 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(96, 122, 114)` looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 122, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 122, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 11.266, 173.509 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(96, 122, 114) }
```

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

```
.border{ border-color:rgb(96, 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(96, 122, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 122, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 122, 114);  
box-shadow:4px 4px 4px 4px rgb(96, 122,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 11.266, 173.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 122, 114) }
```

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

```
.background{ background-color: rgb(96, 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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