

Converting Colors

CIELCh(49, 11.548, 305.096)

Have a look what the booklet for
CIELCh(49, 11.548, 305.096)
contains.

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Color

CIELCh(49, 11.549, 305.098)

Conversions

Conversions Part 1

Format	Color
Hex	787184
RGB	120, 113, 132
RGB Percent	47%, 44%, 52%
CMY	0.5279, 0.5553, 0.4808
CMYK	0.09, 0.14, 0.00, 0.48
HSL	262°, 8%, 48%
HSV	262°, 14%, 52%
XYZ	17.9401, 17.5941, 24.4226
YIQ	117.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

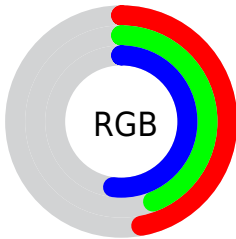
Format	Color
R_{YB}	120, 113, 132
Decimal	7893380
CIE Lab	49.00, 6.64, -9.45
CIE LCh	49, 11.549, 305.098
Yxy	17.5941, 0.2992, 0.2934
Android (android.graphics.Color)	4286083460 (0xFF787184)
YUV	117.2590, 7.2673, 2.4039
Hunter-Lab	41.9453, 2.9405, -5.1599

Details

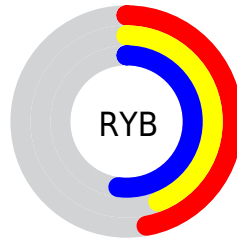
The CIELCh color $49, 11.549, 305.098$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 11.271, 123.637$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 11.336, 304.251$, and $29, 11.932, 304.232$ is the 20% darker color. If you saturate the color by 10%, you get $45, 19.900, 305.699$, and if you desaturate by 10%, it is $53, 3.453, 304.547$.

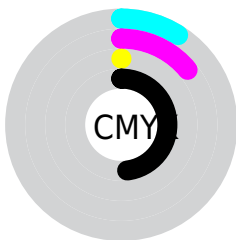
Distribution



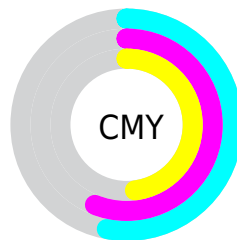
- Red (47%)
- Green (44%)
- Blue (52%)



- Red (47%)
- Yellow (44%)
- Blue (52%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (48%)




- Cyan (53%)
- Magenta (56%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 11.549, 305.098 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, 11.549, 305.098 by changing the saturation by 10% instead.


 49, 11.549,
305.098


 49, 11.549,
305.098


 100, 11.549,
305.098


 39, 11.549,
305.098

 69, 11.549,
305.098


 29, 11.549,
305.098

 79, 11.549,
305.098

 19, 11.549,
305.098

 89, 11.549,
305.098

 9, 11.549, 305.098

 99, 11.549,
305.098

 0, 11.549, 305.098

 49, 11.549,

 49, 11.549,

305.098

45, 19.900,
305.699

40, 28.491,
306.361

36, 37.266,
307.070

32, 46.115,
307.801

28, 54.829,
308.508

24, 63.044,
309.113

21, 70.203,
309.501

18, 75.664,
309.549

305.098

53, 3.453, 304.547

58, 4.381, 124.097

62, 11.959,
123.670

66, 19.292,
123.302

71, 26.393,
122.983

75, 33.273,
122.707

79, 39.946,
122.469

83, 46.424,
122.264

■ 17,78.561,
309.614

■ 88,52.720,
122.089

Harmonies

Complementary

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



49, 11.549, 305.098



54, 11.271, 123.637

Rectangle

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



49, 11.549, 305.098



49, 11.549, 355.098



49, 11.549, 125.098



49, 11.549, 175.098

Sweetspot

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



49, 11.548, 305.096



68, 3.902, 304.532



52, 6.038, 241.344



35, 2.797, 304.568



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



49, 11.548, 305.096



61, 16.920, 305.272



50, 12.920, 321.402



26, 4.504, 304.804



17, 77.536, 309.632



0, 1.064, 304.345

Inverse Universe

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



50, 10.389, 338.194



62, 15.181, 338.429



54, 12.858, 140.069



26, 4.069, 337.793



28, 54.138, 349.365



0, 0.966, 337.188

Previews

White Background



This preview shows how the CIELCh color 49, 11.549, 305.098 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, 11.549, 305.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

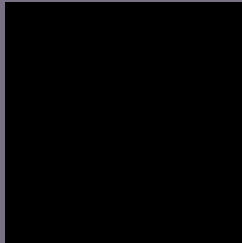
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

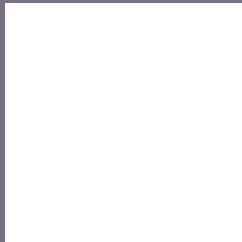
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 11.549, 305.098

Background



This preview shows how black text looks on a background with the CIELCh color 49, 11.549, 305.098.

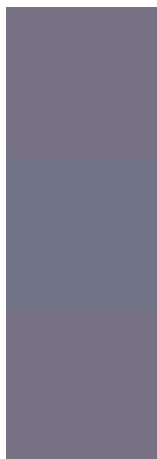


This preview shows how white text looks on a background with the CIELCh color 49, 11.549, 305.098.

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, 11.549, 305.098

Protanopia

49, 10.608, 285.449

Deuteranopia

49, 11.549, 305.098



Tritanopia
49, 5.545, 307.418

Trichromacy



Original Color
49, 11.549, 305.098

Protanomaly
49, 10.597, 293.620

Deuteranomaly
49, 11.549, 305.098

Tritanomaly
49, 8.034, 308.163

Monochromacy



Original Color
49, 11.549, 305.098

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 4.297, 306.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 11.549, 305.098 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(120, 113, 132)` looks like.

```
.text, #text, p{  
    color:rgb(120, 113, 132)  
}
```

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(120, 113, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 113, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 11.549, 305.098 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(120, 113, 132) }
```

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

```
.border{ border-color:rgb(120, 113, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 113, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 113, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 113, 132);  
box-shadow:4px 4px 4px 4px rgb(120, 113,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 11.549, 305.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 113, 132) }
```

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

```
.background{ background-color: rgb(120,  
113, 132) }
```

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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