

Converting Colors

CIELCh(49, 4.271, 208.615)

Have a look what the booklet for
CIELCh(49, 4.271, 208.615) contains.

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Color

CIELCh(49, 4.341, 206.809)

Conversions

Conversions Part 1

Format	Color
Hex	6C7778
RGB	108, 119, 120
RGB Percent	42%, 47%, 47%
CMY	0.5782, 0.5351, 0.5312
CMYK	0.10, 0.01, 0.00, 0.53
HSL	185°, 5%, 45%
HSV	185°, 10%, 47%
XYZ	16.0384, 17.5941, 20.1786
YIQ	115.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

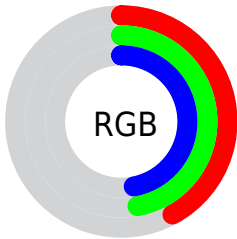
Format	Color
RYP	108, 114, 120
Decimal	7108472
CIE Lab	49.00, -3.87, -1.96
CIE LCh	49, 4.341, 206.809
Yxy	17.5941, 0.2981, 0.3270
Android (android.graphics.Color)	4285298552 (0xFF6C7778)
YUV	115.8250, 2.0583, -6.8625
Hunter-Lab	41.9453, -5.1520, 0.8391

Details

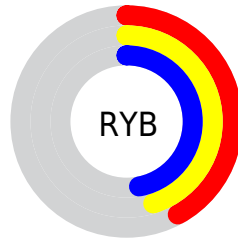
The CIELCh color $49, 4.341, 206.809$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 4.619, 27.174$, and the grayscale version is $49, 0.006, 296.813$.

A 20% lighter version of the original color is $69, 4.454, 206.235$, and $29, 4.271, 207.496$ is the 20% darker color. If you saturate the color by 10%, you get $48, 8.431, 206.592$, and if you desaturate by 10%, it is $50, 0.015, 232.941$.

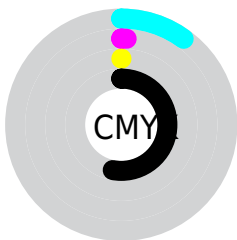
Distribution



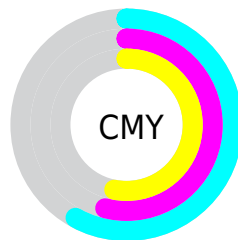
- Red (42%)
- Green (47%)
- Blue (47%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (53%)















- Cyan (58%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 4.341, 206.809 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, 4.341, 206.809 by changing the saturation by 10% instead.

 49, 4.341, 206.809	 49, 4.341, 206.809
 100, 4.341, 206.809	 39, 4.341, 206.809
 69, 4.341, 206.809	 29, 4.341, 206.809
 79, 4.341, 206.809	 19, 4.341, 206.809
 89, 4.341, 206.809	 9, 4.341, 206.809
 99, 4.341, 206.809	 0, 4.341, 206.809

 49, 4.341, 206.809	 49, 4.341, 206.809
 48, 8.431, 206.592	 50, 0.015, 232.941
 47, 12.219, 206.507	 52, 4.497, 27.133

46, 15.642,
206.537

53, 9.142, 27.503

45, 18.633,
206.700

54, 13.881, 27.874

56, 18.681, 28.260

44, 21.135,
207.020

58, 23.514, 28.658

43, 23.103,
207.523

59, 28.360, 29.063

61, 33.203, 29.470

43, 24.517,
208.236

63, 38.029, 29.875

42, 25.386,
209.184

42, 25.931,
210.273

Harmonies

Complementary

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



49, 4.341, 206.809



47, 4.619, 27.174

Rectangle

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



49, 4.341, 206.809



49, 4.341, 256.809



49, 4.341, 26.809



49, 4.341, 76.809

Sweetspot

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



49, 4.342, 206.793



64, 1.637, 207.140



49, 8.220, 145.731



33, 1.249, 207.070



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, 4.342, 206.793



62, 6.405, 206.735



47, 4.468, 263.604



24, 2.404, 206.823



43, 26.367, 210.311



83, 44.518, 211.172

Inverse Universe

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



47, 8.141, 327.291



59, 12.096, 327.420



48, 4.524, 81.022



23, 4.494, 327.233



28, 63.031, 331.710



58, 106.490, 331.921

Previews

White Background



This preview shows how the CIELCh color 49, 4.341, 206.809 looks on a white background.

Color Contrast Check

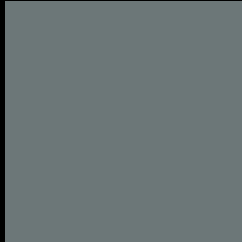
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.341, 206.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

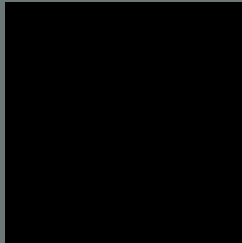
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

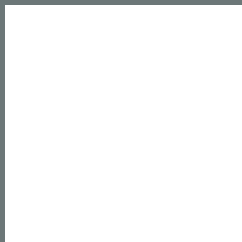
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 4.341, 206.809

Background



This preview shows how black text looks on a background with the CIELCh color 49, 4.341, 206.809.



This preview shows how white text looks on a background with the CIELCh color 49, 4.341, 206.809.

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

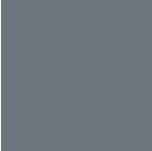
49, 4.341, 206.809

Protanopia

49, 1.437, 324.409

Deuteranopia

49, 6.768, 336.278



Tritanopia
49, 6.562, 263.100

Trichromacy



Original Color
49, 4.341, 206.809

Protanomaly
49, 1.663, 244.498

Deuteranomaly
49, 3.368, 318.943

Tritanomaly
49, 5.169, 242.231

Monochromacy



Original Color
49, 4.341, 206.809

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 1.694, 219.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 4.341, 206.809 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(108, 119, 120)` looks like.

```
.text, #text, p{  
    color:rgb(108, 119, 120)  
}
```

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(108, 119, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 119, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 4.341, 206.809 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(108, 119, 120) }
```

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

```
.border{ border-color:rgb(108, 119, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 119, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 119, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 119, 120);  
box-shadow:4px 4px 4px 4px rgb(108, 119,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 4.341, 206.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 119, 120) }
```

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

```
.background{ background-color: rgb(108,  
119, 120) }
```

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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