

Converting Colors

CIELCh(49, 4.333, 258.350)

Have a look what the booklet for
CIELCh(49, 4.333, 258.350) contains.

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Color

CIELCh(49, 4.192, 256.692)

Conversions

Conversions Part 1

Format	Color
Hex	6F757B
RGB	111, 117, 123
RGB Percent	44%, 46%, 48%
CMY	0.5640, 0.5404, 0.5169
CMYK	0.10, 0.05, 0.00, 0.52
HSL	210°, 5%, 46%
HSV	210°, 10%, 48%
XYZ	16.5504, 17.5941, 21.3260
YIQ	115.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

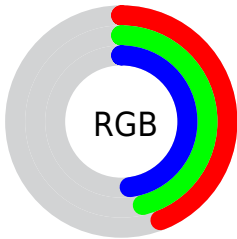
Format	Color
R_{YB}	111, 115, 123
Decimal	7304571
CIE Lab	49.00, -0.96, -4.08
CIE LCh	49, 4.192, 256.692
Yxy	17.5941, 0.2984, 0.3172
Android (android.graphics.Color)	4285494651 (0xFF6F757B)
YUV	115.8900, 3.5052, -4.2885
Hunter-Lab	41.9453, -2.9731, -0.7828

Details

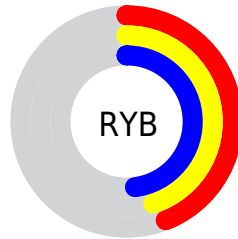
The CIELCh color $49, 4.192, 256.692$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 4.283, 74.212$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 3.937, 256.362$, and $29, 4.047, 252.095$ is the 20% darker color. If you saturate the color by 10%, you get $46, 8.449, 258.103$, and if you desaturate by 10%, it is $52, 0.106, 72.937$.

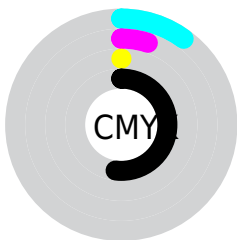
Distribution



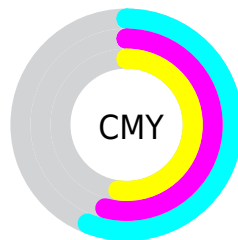
- Red (44%)
- Green (46%)
- Blue (48%)



- Red (44%)
- Yellow (45%)
- Blue (48%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 4.192, 256.692 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, 4.192, 256.692 by changing the saturation by 10% instead.

■ 49, 4.192, 256.692

■ 49, 4.192, 256.692

■ 100, 4.192,
256.692

■ 39, 4.192, 256.692

■ 69, 4.192, 256.692

■ 29, 4.192, 256.692

■ 79, 4.192, 256.692

■ 19, 4.192, 256.692

■ 89, 4.192, 256.692

■ 9, 4.192, 256.692

■ 99, 4.192, 256.692

■ 0, 4.192, 256.692

■ 49, 4.192, 256.692

■ 49, 4.192, 256.692

■ 46, 8.449, 258.103

■ 52, 0.106, 72.937

■ 44, 12.652,
259.814

■ 55, 4.427, 74.251

41, 16.786,
261.843

57, 8.758, 73.364

38, 20.842,
264.241

60, 13.087, 72.579

36, 24.820,
267.059

63, 17.404, 71.889

33, 28.737,
270.328

68, 25.970, 70.740

31, 32.630,
274.047

71, 30.207, 70.258

28, 36.553,
278.153

74, 34.408, 69.824

26, 40.607,
282.235

Harmonies

Complementary

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



49, 4.192, 256.692



50, 4.283, 74.212

Rectangle

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



49, 4.192, 256.692



49, 4.192, 306.692



49, 4.192, 76.692



49, 4.192, 126.692

Sweetspot

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



49, 4.191, 256.675



65, 1.612, 255.958



51, 6.041, 162.042



34, 1.230, 256.010



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, 4.191, 256.675



62, 6.407, 257.012



47, 6.982, 290.487



24, 2.411, 256.589



27, 41.188, 282.404



54, 73.046, 284.990

Inverse Universe

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



48, 6.044, 344.375



61, 9.277, 344.601



51, 6.836, 108.597



24, 3.473, 344.315



26, 50.115, 0.443



54, 83.990, 2.905

Previews

White Background



This preview shows how the CIELCh color 49, 4.192, 256.692 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, 4.192, 256.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

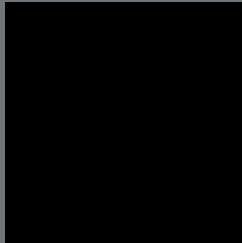
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

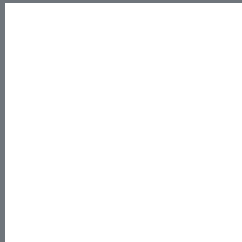
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 4.192, 256.692

Background



This preview shows how black text looks on a background with the CIELCh color 49, 4.192, 256.692.



This preview shows how white text looks on a background with the CIELCh color 49, 4.192, 256.692.

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, 4.192, 256.692

Protanopia

49, 3.555, 297.049

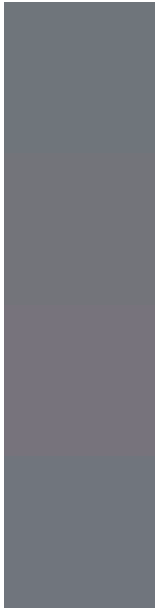
Deuteranopia

49, 7.848, 324.883



Tritanopia
49, 5.590, 270.626

Trichromacy



Original Color

49, 4.192, 256.692

Protanomaly

49, 3.544, 284.263

Deuteranomaly

49, 5.545, 307.418

Tritanomaly

49, 5.047, 268.174

Monochromacy



Original Color

49, 4.192, 256.692

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 1.926, 266.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 4.192, 256.692 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(111, 117, 123)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 123)  
}
```

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(111, 117, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 4.192, 256.692 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(111, 117, 123) }
```

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

```
.border{ border-color:rgb(111, 117, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 117, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 123);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 4.192, 256.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 123) }
```

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

```
.background{ background-color: rgb(111,  
117, 123) }
```

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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