

Converting Colors

CIELCh(49, 7.163, 271.455)

Have a look what the booklet for
CIELCh(49, 7.163, 271.455) contains.

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Color

CIELCh(49, 6.807, 271.277)

Conversions

Conversions Part 1

Format	Color
Hex	6F7580
RGB	111, 117, 128
RGB Percent	44%, 46%, 50%
CMY	0.5655, 0.5420, 0.4989
CMYK	0.13, 0.09, 0.00, 0.50
HSL	219°, 7%, 47%
HSV	219°, 13%, 50%
XYZ	16.7498, 17.5941, 22.8630
YIQ	116.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

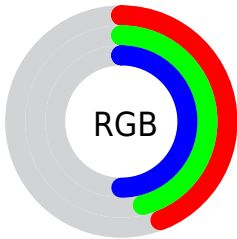
Format	Color
R _Y B	111, 115, 128
Decimal	7304576
CIE Lab	49.00, 0.15, -6.81
CIE LCh	49, 6.807, 271.277
Yxy	17.5941, 0.2928, 0.3076
Android (android.graphics.Color)	4285494656 (0xFF6F7580)
YUV	116.4600, 5.6892, -4.7884
Hunter-Lab	41.9453, -2.1247, -2.9554

Details

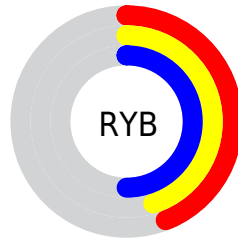
The CIELCh color $49, 6.807, 271.277$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 6.838, 87.883$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 6.899, 272.445$, and $29, 6.825, 270.282$ is the 20% darker color. If you saturate the color by 10%, you get $46, 11.996, 272.801$, and if you desaturate by 10%, it is $52, 1.682, 270.021$.

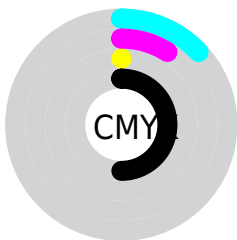
Distribution



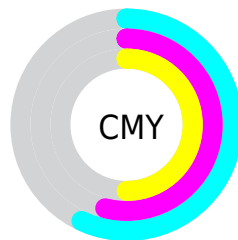
- Red (44%)
- Green (46%)
- Blue (50%)



- Red (44%)
- Yellow (45%)
- Blue (50%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (50%)



- Cyan (57%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 6.807, 271.277 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, 6.807, 271.277 by changing the saturation by 10% instead.

■ 49, 6.807, 271.277

■ 49, 6.807, 271.277

■ 100, 6.807,
271.277

■ 39, 6.807, 271.277

■ 69, 6.807, 271.277

■ 29, 6.807, 271.277

■ 79, 6.807, 271.277

■ 19, 6.807, 271.277

■ 89, 6.807, 271.277

■ 9, 6.807, 271.277

■ 99, 6.807, 271.277

■ 0, 6.807, 271.277

■ 49, 6.807, 271.277

■ 49, 6.807, 271.277

■ 46, 11.996,
272.801

■ 52, 1.682, 270.021

■ 42, 17.253,

■ 56, 3.376, 88.705

274.593

59, 8.363, 87.735

39, 22.582,
276.681

63, 13.280, 86.864

36, 27.996,
279.102

66, 18.122, 86.094

69, 22.890, 85.409

32, 33.513,
281.880

72, 27.581, 84.796

29, 39.160,
285.009

76, 32.197, 84.246

79, 36.736, 83.749

26, 44.955,
288.434

23, 50.881,
292.025

22, 54.915,
294.241

Harmonies

Complementary

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



49, 6.807, 271.277



51, 6.838, 87.883

Rectangle

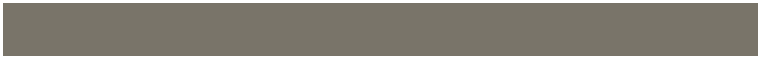
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49, 6.807, 271.277



49, 6.807, 321.277



49, 6.807, 91.277



49, 6.807, 141.277

Sweetspot

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



49, 6.806, 271.269



66, 2.522, 270.098



52, 7.643, 170.378



35, 1.807, 270.169



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



49, 6.806, 271.269



61, 10.148, 271.714



47, 10.109, 296.469



25, 2.873, 270.699



22, 54.811, 294.232



0, 0.000, 0.000

Inverse Universe

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



48, 7.807, 353.566



61, 11.676, 353.885



53, 9.826, 114.434



25, 3.279, 353.140



26, 51.035, 14.285



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 6.807, 271.277 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, 6.807, 271.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

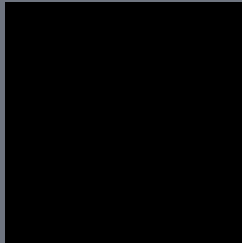
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

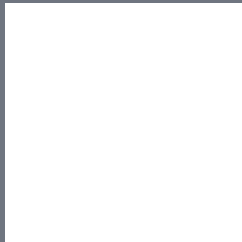
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 6.807, 271.277

Background



This preview shows how black text looks on a background with the CIELCh color 49, 6.807, 271.277.



This preview shows how white text looks on a background with the CIELCh color 49, 6.807, 271.277.

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, 6.807, 271.277

Protanopia

49, 6.468, 287.597

Deuteranopia

49, 10.094, 311.725



Tritanopia
49, 5.725, 267.003

Trichromacy



Original Color

49, 6.807, 271.277

Protanomaly

49, 6.545, 280.839

Deuteranomaly

49, 8.989, 301.253

Tritanomaly

49, 6.262, 269.318

Monochromacy



Original Color

49, 6.807, 271.277

Achromatopsia

49, 0.007, 296.813

Achromatomaly

49, 2.472, 271.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 6.807, 271.277 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 6.807, 271.277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

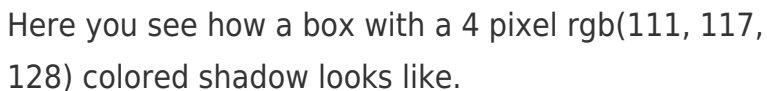
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 117, 128) }
```

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

```
.border{ border-color:rgb(111, 117, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 117, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 117, 128); box-shadow:4px 4px 4px 4px rgb(111, 117, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 6.807, 271.277 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, 128) }
```

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

```
.background{ background-color: rgb(111,  
117, 128) }
```

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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