

Converting Colors

CIELCh(49, 8.877, 272.063)

Have a look what the booklet for
CIELCh(49, 8.877, 272.063) contains.

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Color

CIELCh(49, 8.687, 270.904)

Conversions

Conversions Part 1

Format	Color
Hex	6D7583
RGB	109, 117, 131
RGB Percent	43%, 46%, 51%
CMY	0.5728, 0.5414, 0.4865
CMYK	0.17, 0.11, 0.00, 0.49
HSL	218°, 9%, 47%
HSV	218°, 17%, 51%
XYZ	16.7472, 17.5941, 23.9654
YIQ	116.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

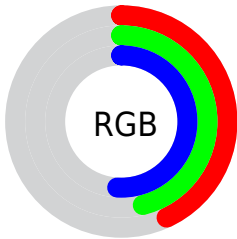
Format	Color
RYB	109, 115, 131
Decimal	7173507
CIELab	49.00, 0.14, -8.69
CIElCh	49, 8.687, 270.904
Yxy	17.5941, 0.2872, 0.3018
Android (android.graphics.Color)	4285363587 (0xFF6D7583)
YUV	116.2040, 7.2944, -6.3179
Hunter-Lab	41.9453, -2.1359, -4.5136

Details

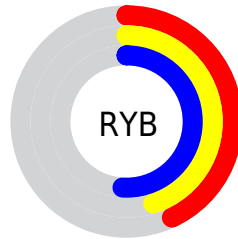
The CIELCh color $49, 8.687, 270.904$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 8.765, 86.545$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 8.664, 271.641$, and $29, 8.862, 270.613$ is the 20% darker color. If you saturate the color by 10%, you get $46, 13.932, 272.531$, and if you desaturate by 10%, it is $52, 3.499, 269.520$.

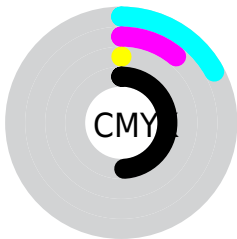
Distribution



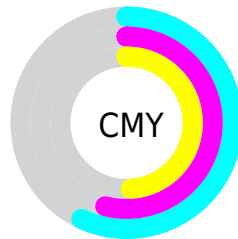
- Red (43%)
- Green (46%)
- Blue (51%)



- Red (43%)
- Yellow (45%)
- Blue (51%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 8.687, 270.904 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, 8.687, 270.904 by changing the saturation by 10% instead.

■ 49, 8.687, 270.904

■ 49, 8.687, 270.904

■ 100, 8.687,
270.904

■ 39, 8.687, 270.904

■ 69, 8.687, 270.904

■ 29, 8.687, 270.904

■ 79, 8.687, 270.904

■ 19, 8.687, 270.904

■ 89, 8.687, 270.904

■ 9, 8.687, 270.904

■ 99, 8.687, 270.904

■ 0, 8.687, 270.904

■ 49, 8.687, 270.904

■ 49, 8.687, 270.904

■ 46, 13.932,
272.531

■ 52, 3.499, 269.520

■ 42, 19.238,

■ 56, 1.628, 88.128

274.439

59, 6.691, 87.159

39, 24.610,
276.661

63, 11.687, 86.247

36, 30.063,
279.234

66, 16.614, 85.440

32, 35.620,
282.173

69, 21.469, 84.723

29, 41.308,
285.460

73, 26.250, 84.085

26, 47.144,
289.016

76, 30.958, 83.512

24, 53.107,
292.622

23, 55.042,
293.666

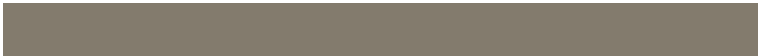
Harmonies

Complementary

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



49, 8.687, 270.904



52, 8.765, 86.545

Rectangle

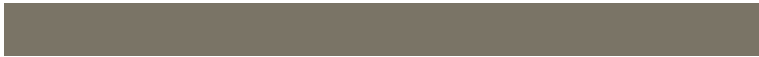
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49, 8.687, 270.904



49, 8.687, 320.904



49, 8.687, 90.904



49, 8.687, 140.904

Sweetspot

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



49, 8.686, 270.898



68, 3.196, 269.320



53, 9.830, 170.036



35, 2.198, 269.390



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, 8.686, 270.898



61, 12.877, 271.466



47, 13.115, 296.788



26, 2.935, 269.817



23, 54.732, 293.639



0, 0.700, 268.623

Inverse Universe

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



48, 10.176, 353.235



60, 15.137, 353.629



54, 12.652, 114.171



26, 3.409, 352.453



27, 51.651, 13.407



0, 0.804, 351.696

Previews

White Background



This preview shows how the CIELCh color 49, 8.687, 270.904 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, 8.687, 270.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

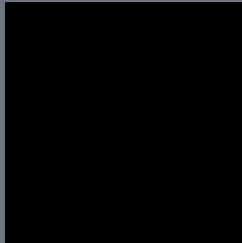
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

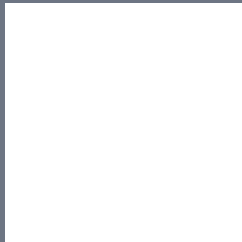
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 8.687, 270.904

Background



This preview shows how black text looks on a background with the CIELCh color 49, 8.687, 270.904.



This preview shows how white text looks on a background with the CIELCh color 49, 8.687, 270.904.

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, 8.687, 270.904

Protanopia

49, 8.825, 288.858

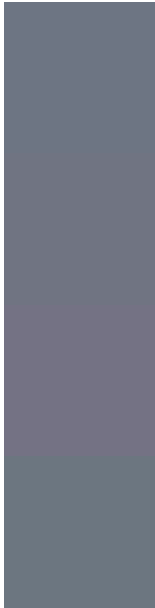
Deuteranopia

49, 11.549, 305.098



Tritanopia
49, 6.444, 254.460

Trichromacy



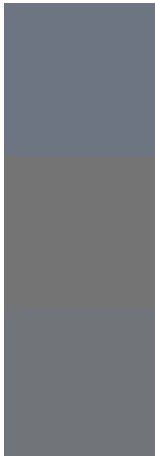
Original Color
49, 8.687, 270.904

Protanomaly
49, 8.335, 280.719

Deuteranomaly
49, 10.639, 295.683

Tritanomaly
49, 6.916, 257.505

Monochromacy



Original Color
49, 8.687, 270.904

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 3.151, 268.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 8.687, 270.904 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(109, 117, 131)` looks like.

```
.text, #text, p{  
    color:rgb(109, 117, 131)  
}
```

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(109, 117, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 117, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 8.687, 270.904 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(109, 117, 131) }
```

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

```
.border{ border-color:rgb(109, 117, 131) }
```

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

Here you see how a box with a 4 pixel rgb(109, 117, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 117, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 117, 131);  
box-shadow:4px 4px 4px 4px rgb(109, 117,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 8.687, 270.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 117, 131) }
```

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

```
.background{ background-color: rgb(109,  
117, 131) }
```

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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