

Converting Colors

CIELCh(51, 9.479, 273.413)

Have a look what the booklet for
CIELCh(51, 9.479, 273.413) contains.

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Color

CIELCh(51, 9.169, 272.221)

Conversions

Conversions Part 1

Format	Color
Hex	727A89
RGB	114, 122, 137
RGB Percent	45%, 48%, 54%
CMY	0.5533, 0.5219, 0.4631
CMYK	0.17, 0.11, 0.00, 0.46
HSL	219°, 9%, 49%
HSV	219°, 17%, 54%
XYZ	18.3819, 19.2686, 26.3787
YIQ	121.3180, -9.5830, 2.9690

Conversions

Conversions Part 2

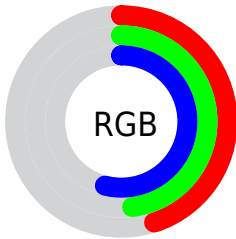
Format	Color
RYB	114, 120, 137
Decimal	7502473
CIELab	51.00, 0.36, -9.16
CIElCh	51, 9.169, 272.221
Yxy	19.2686, 0.2871, 0.3009
Android (android.graphics.Color)	4285692553 (0xFF727A89)
YUV	121.3180, 7.7312, -6.4179
Hunter-Lab	43.8960, -2.0693, -4.9023

Details

The CIELCh color **51, 9.169, 272.221** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54, 9.222, 87.872**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 9.133, 272.827**, and **31, 9.265, 274.341** is the 20% darker color. If you saturate the color by 10%, you get **47, 14.722, 273.845**, and if you desaturate by 10%, it is **55, 3.689, 270.838**.

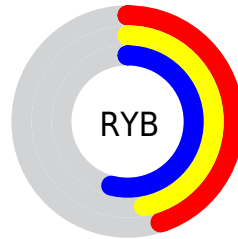
Distribution



Red (45%)

Green (48%)

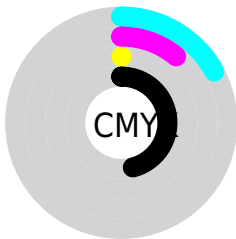
Blue (54%)



Red (45%)

Yellow (47%)

Blue (54%)

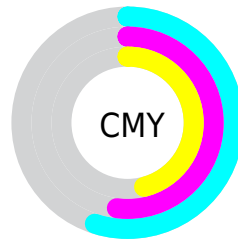


Cyan (17%)

Magenta (11%)

Yellow (0%)

Black (46%)



Cyan (55%)

Magenta (52%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 9.169, 272.221 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 51, 9.169, 272.221 by changing the saturation by 10% instead.

■ 51, 9.169, 272.221

■ 51, 9.169, 272.221

■ 100, 9.169,
272.221

■ 41, 9.169, 272.221

■ 71, 9.169, 272.221

■ 31, 9.169, 272.221

■ 81, 9.169, 272.221

■ 21, 9.169, 272.221

■ 91, 9.169, 272.221

■ 11, 9.169, 272.221

■ 1, 9.169, 272.221

■ 0, 9.169, 272.221

■ 51, 9.169, 272.221

■ 51, 9.169, 272.221

■ 47, 14.722,
273.845

■ 55, 3.689, 270.838

■ 58, 1.716, 89.459

44, 20.353,
275.750

62, 7.045, 88.487

40, 26.070,
277.967

65, 12.295, 87.576

69, 17.465, 86.769

37, 31.890,
280.532

72, 22.552, 86.054

33, 37.837,
283.458

76, 27.558, 85.417

80, 32.480, 84.846

30, 43.936,
286.721

83, 37.320, 84.331

27, 50.194,
290.237

24, 56.566,
293.790

23, 58.625,
294.819

Harmonies

Complementary

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



51, 9.169, 272.221



54, 9.222, 87.872

Rectangle

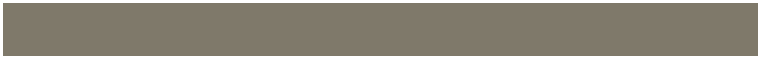
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51, 9.169, 272.221



51, 9.169, 322.221



51, 9.169, 92.221



51, 9.169, 142.221

Sweetspot

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



51, 9.168, 272.215



71, 3.368, 270.637



55, 10.078, 171.103



36, 2.289, 270.707



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 9.168, 272.215



64, 13.589, 272.780



49, 13.616, 297.399



27, 3.080, 271.138



22, 57.101, 294.700



0, 1.422, 269.946

Inverse Universe

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



50, 10.465, 354.283



63, 15.562, 354.682



56, 13.138, 114.851



27, 3.487, 353.492



27, 52.608, 14.996



0, 1.593, 352.723

Previews

White Background



This preview shows how the CIELCh color 51, 9.169, 272.221 looks on a white 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

Black Background



This preview shows how the CIE LCh color 51, 9.169, 272.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

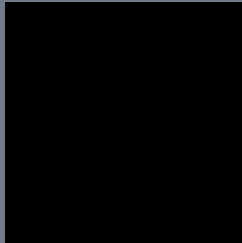
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

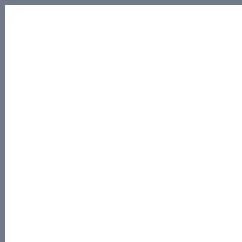
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 9.169, 272.221

Background



This preview shows how black text looks on a background with the CIELCh color 51, 9.169, 272.221.



This preview shows how white text looks on a background with the CIELCh color 51, 9.169, 272.221.

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

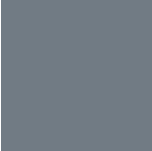
51, 9.169, 272.221

Protanopia

51, 9.341, 289.047

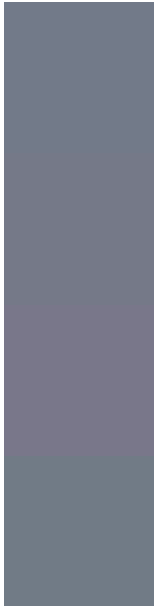
Deuteranopia

51, 12.029, 304.451



Tritanopia
51, 6.402, 254.388

Trichromacy



Original Color

51, 9.169, 272.221

Protanomaly

51, 8.846, 281.456

Deuteranomaly

51, 11.140, 295.484

Tritanomaly

51, 7.355, 260.083

Monochromacy



Original Color

51, 9.169, 272.221

Achromatopsia

51, 0.007, 296.813

Achromatomaly

51, 3.674, 272.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 9.169, 272.221 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(114, 122, 137)` looks like.

```
.text, #text, p{  
    color:rgb(114, 122, 137)  
}
```

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(114, 122, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 122, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 9.169, 272.221 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(114, 122, 137) }
```

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

```
.border{ border-color:rgb(114, 122, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 122, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 122, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 122, 137);  
box-shadow:4px 4px 4px 4px rgb(114, 122,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 9.169, 272.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 122, 137) }
```

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

```
.background{ background-color: rgb(114,  
122, 137) }
```

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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