

Converting Colors

CIELCh(51, 27.718, 313.442)

Have a look what the booklet for
CIELCh(51, 27.718, 313.442)
contains.

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Color

CIELCh(51, 27.459, 313.399)

Conversions

Conversions Part 1

Format	Color
Hex	8A709C
RGB	138, 112, 156
RGB Percent	54%, 44%, 61%
CMY	0.4603, 0.5622, 0.3897
CMYK	0.12, 0.28, 0.00, 0.39
HSL	275°, 18%, 52%
HSV	275°, 28%, 61%
XYZ	22.1431, 19.2686, 33.8365
YIQ	124.7900, 1.3720, 19.1960

Conversions

Conversions Part 2

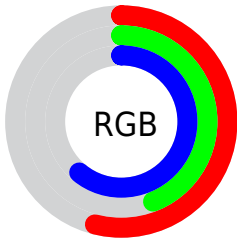
Format	Color
R_{YB}	138, 112, 156
Decimal	9072796
CIE _{Lab}	51.00, 18.87, -19.95
CIE _{LCh}	51, 27.459, 313.399
Yxy	19.2686, 0.2943, 0.2561
Android (android.graphics.Color)	4287262876 (0xFF8A709C)
YUV	124.7900, 15.3865, 11.5852
Hunter-Lab	43.8960, 13.2254, -14.9755

Details

The CIELCh color $51, 27.459, 313.399$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 26.641, 130.928$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 27.611, 313.308$, and $31, 27.550, 312.865$ is the 20% darker color. If you saturate the color by 10%, you get $46, 37.455, 313.859$, and if you desaturate by 10%, it is $56, 17.558, 312.942$.

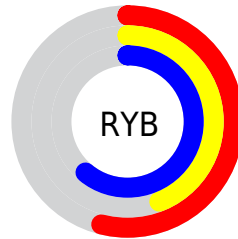
Distribution



Red (54%)

Green (44%)

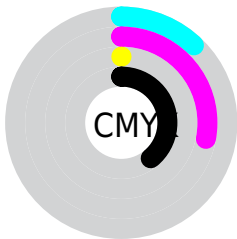
Blue (61%)



Red (54%)

Yellow (44%)

Blue (61%)

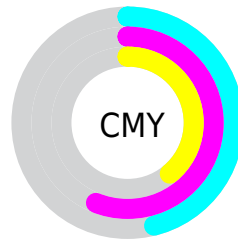


Cyan (12%)

Magenta (28%)

Yellow (0%)

Black (39%)



Cyan (46%)


Magenta (56%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 27.459, 313.399 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, 27.459, 313.399 by changing the saturation by 10% instead.


 51, 27.459,
313.399


 51, 27.459,
313.399


 100, 27.459,
313.399


 41, 27.459,
313.399


 71, 27.459,
313.399

 31, 27.459,
313.399

 81, 27.459,
313.399

 21, 27.459,
313.399

 91, 27.459,
313.399

 11, 27.459,
313.399

 1, 27.459, 313.399

 0, 27.459, 313.399

51, 27.459,
313.399

51, 27.459,
313.399

46, 37.455,
313.859

56, 17.558,
312.942

42, 47.396,
314.299

60, 7.848, 312.500

38, 57.029,
314.680

65, 1.623, 132.186

34, 65.979,
314.949

70, 10.833,
131.750

31, 73.741,
315.034

74, 19.774,
131.409

28, 79.742,
314.847

79, 28.449,
131.105


26, 83.839,
314.378

84, 36.865,
130.835

26, 84.534,

89, 45.033,
130.597

314.304

 93, 52.967,
130.388

Harmonies

Complementary

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



51, 27.459, 313.399



61, 26.641, 130.928

Rectangle

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



51, 27.459, 313.399



51, 27.459, 3.399



51, 27.459, 133.399



51, 27.459, 183.399

Sweetspot

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



51, 27.457, 313.399



76, 9.380, 312.495



54, 15.919, 268.189



40, 6.731, 312.558



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



51, 27.457, 313.399



62, 40.982, 313.694



53, 28.568, 328.355



31, 5.449, 312.544



23, 79.333, 314.386



1, 7.003, 311.148

Inverse Universe

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



52, 20.485, 351.637



63, 30.542, 352.434



60, 28.543, 144.829



31, 4.056, 349.615



30, 54.910, 9.614



1, 5.166, 350.151

Previews

White Background



This preview shows how the CIELCh color 51, 27.459, 313.399 looks on a white background.

Color Contrast Check

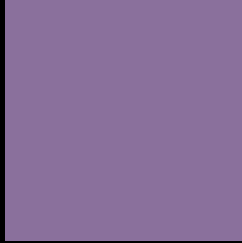
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 27.459, 313.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

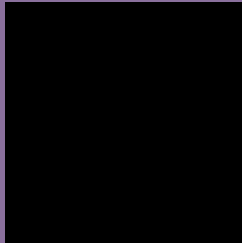
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 27.459, 313.399

Background



This preview shows how black text looks on a background with the CIELCh color 51, 27.459, 313.399.



This preview shows how white text looks on a background with the CIELCh color 51, 27.459, 313.399.

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, 27.459, 313.399

Protanopia

51, 24.601, 285.346

Deuteranopia

51, 20.427, 289.775



Tritanopia
51, 8.311, 341.317

Trichromacy



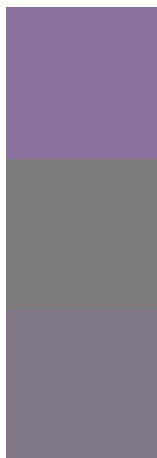
Original Color
51, 27.459, 313.399

Protanomaly
51, 25.160, 295.675

Deuteranomaly
51, 23.036, 300.134

Tritanomaly
51, 15.057, 322.720

Monochromacy



Original Color
51, 27.459, 313.399

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 9.451, 312.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 27.459, 313.399 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(138, 112, 156)` looks like.

```
.text, #text, p{  
    color:rgb(138, 112, 156)  
}
```

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(138, 112, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 112, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 27.459, 313.399 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(138, 112, 156) }
```

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

```
.border{ border-color:rgb(138, 112, 156) }
```

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

Here you see how a box with a 4 pixel rgb(138, 112, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 112, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 112, 156);  
box-shadow:4px 4px 4px 4px rgb(138, 112,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 27.459, 313.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 112, 156) }
```

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

```
.background{ background-color: rgb(138,  
112, 156) }
```

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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