

Converting Colors

CIELCh(51, 18.738, 321.373)

Have a look what the booklet for
CIELCh(51, 18.738, 321.373)
contains.

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Color

CIELCh(51, 18.798, 321.373)

Conversions

Conversions Part 1

Format	Color
Hex	8A728E
RGB	138, 114, 142
RGB Percent	54%, 45%, 56%
CMY	0.4603, 0.5543, 0.4446
CMYK	0.03, 0.20, 0.00, 0.44
HSL	291°, 11%, 50%
HSV	291°, 20%, 56%
XYZ	21.2526, 19.2686, 28.0455
YIQ	124.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

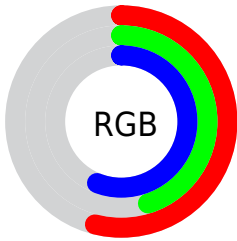
Format	Color
R_{YB}	138, 114, 142
Decimal	9073294
CIE _{Lab}	51.00, 14.69, -11.73
CIE _{LCh}	51, 18.798, 321.373
Yxy	19.2686, 0.3100, 0.2810
Android (android.graphics.Color)	4287263374 (0xFF8A728E)
YUV	124.3680, 8.6926, 11.9553
Hunter-Lab	43.8960, 9.6042, -7.1535

Details

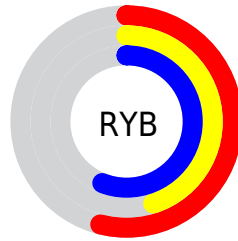
The CIELCh color $51, 18.798, 321.373$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 18.676, 139.488$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 18.987, 321.469$, and $31, 18.853, 321.370$ is the 20% darker color. If you saturate the color by 10%, you get $47, 28.390, 321.823$, and if you desaturate by 10%, it is $55, 9.224, 320.910$.

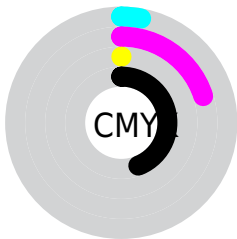
Distribution



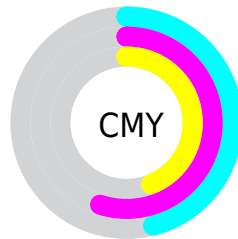
- Red (54%)
- Green (45%)
- Blue (56%)



- Red (54%)
- Yellow (45%)
- Blue (56%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)





- Cyan (46%)
- Magenta (55%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 18.798, 321.373 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, 18.798, 321.373 by changing the saturation by 10% instead.


 51, 18.798,
321.373


 51, 18.798,
321.373


 100, 18.798,
321.373


 41, 18.798,
321.373


 71, 18.798,
321.373

 31, 18.798,
321.373

 81, 18.798,
321.373

 21, 18.798,
321.373

 91, 18.798,
321.373

 11, 18.798,
321.373

 1, 18.798, 321.373

 0, 18.798, 321.373

51, 18.798,
321.373

51, 18.798,
321.373

47, 28.390,
321.823

55, 9.224, 320.910

44, 37.841,
322.248

59, 0.220, 141.269

63, 9.468, 140.065

40, 46.917,
322.628

67, 18.483,
139.642

37, 55.308,
322.934

71, 27.247,
139.250

34, 62.640,
323.137

76, 35.754,
138.884

32, 68.522,
323.202

80, 44.007,
138.545


31, 72.639,
323.101

84, 52.013,
138.233

30, 75.356,

322.872

 88, 59.784,
137.946

 30, 75.421,
322.866

Harmonies

Complementary

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



51, 18.798, 321.373



56, 18.676, 139.488

Rectangle

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



51, 18.798, 321.373



51, 18.798, 11.373



51, 18.798, 141.373



51, 18.798, 191.373

Sweetspot

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



51, 18.796, 321.373



72, 6.990, 320.734



50, 13.975, 285.640



37, 4.622, 320.762



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 18.796, 321.373



63, 28.270, 321.589



51, 15.355, 337.785



28, 5.371, 320.882



28, 72.893, 322.889



1, 3.602, 320.487

Inverse Universe

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



51, 11.821, 9.529



62, 17.978, 10.090



56, 15.190, 154.900



28, 3.299, 8.413



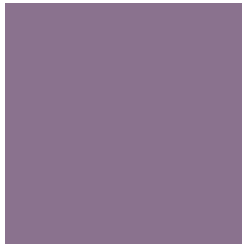
27, 59.358, 31.986



0, 2.172, 7.694

Previews

White Background



This preview shows how the CIELCh color 51, 18.798, 321.373 looks on a white background.

Color Contrast Check

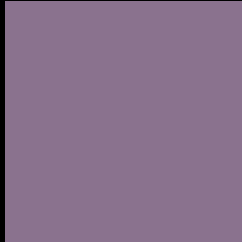
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.798, 321.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

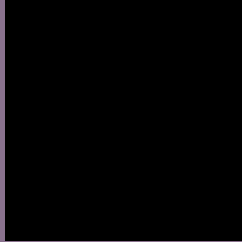
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 18.798, 321.373

Background



This preview shows how black text looks on a background with the CIELCh color 51, 18.798, 321.373.



This preview shows how white text looks on a background with the CIELCh color 51, 18.798, 321.373.

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, 18.798, 321.373

Protanopia

51, 14.637, 284.875

Deuteranopia

51, 13.012, 300.109



Tritanopia
51, 9.623, 343.359

Trichromacy



Original Color
51, 18.798, 321.373

Protanomaly
51, 15.393, 300.426

Deuteranomaly
51, 14.801, 309.825

Tritanomaly
51, 12.959, 331.108

Monochromacy



Original Color
51, 18.798, 321.373

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.855, 322.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 18.798, 321.373 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, 114, 142)` looks like.

```
.text, #text, p{  
    color:rgb(138, 114, 142)  
}
```

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, 114, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 114, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 18.798, 321.373 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, 114, 142) }
```

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

```
.border{ border-color:rgb(138, 114, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 114, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 114, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 114, 142);  
box-shadow:4px 4px 4px 4px rgb(138, 114,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 18.798, 321.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 114, 142) }
```

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

```
.background{ background-color: rgb(138,  
114, 142) }
```

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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