

Converting Colors

CIELCh(51, 12.818, 345.181)

Have a look what the booklet for
CIELCh(51, 12.818, 345.181)
contains.

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Color

CIELCh(51, 12.915, 345.198)

Conversions

Conversions Part 1

Format	Color
Hex	8C727F
RGB	140, 114, 127
RGB Percent	55%, 45%, 50%
CMY	0.4495, 0.5515, 0.5005
CMYK	0.00, 0.19, 0.09, 0.45
HSL	330°, 10%, 50%
HSV	330°, 19%, 55%
XYZ	20.7940, 19.2686, 22.8299
YIQ	123.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

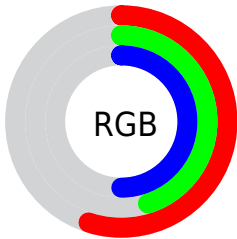
Format	Color
R_{YB}	140, 114, 127
Decimal	9204351
CIE _{Lab}	51.00, 12.49, -3.30
CIE _{LCh}	51, 12.915, 345.198
Yxy	19.2686, 0.3306, 0.3064
Android (android.graphics.Color)	4287394431 (0xFF8C727F)
YUV	123.2560, 1.8458, 14.6845
Hunter-Lab	43.8960, 7.7391, -0.1089

Details

The CIELCh color $51, 12.915, 345.198$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 12.625, 162.114$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 13.048, 344.849$, and $31, 12.963, 345.861$ is the 20% darker color. If you saturate the color by 10%, you get $47, 20.022, 346.191$, and if you desaturate by 10%, it is $55, 5.881, 344.291$.

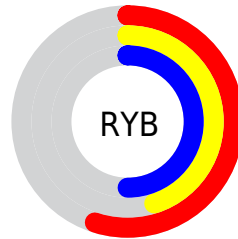
Distribution



Red (55%)

Green (45%)

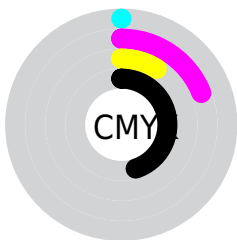
Blue (50%)



Red (55%)

Yellow (45%)

Blue (50%)

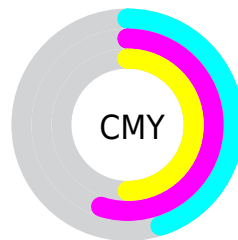


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (45%)



Cyan (45%)


Magenta (55%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 12.915, 345.198 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, 12.915, 345.198 by changing the saturation by 10% instead.


 51, 12.915,
345.198


 51, 12.915,
345.198


 100, 12.915,
345.198


 41, 12.915,
345.198


 71, 12.915,
345.198


 31, 12.915,
345.198

 81, 12.915,
345.198

 21, 12.915,
345.198

 91, 12.915,
345.198

 11, 12.915,
345.198

 1, 12.915, 345.198

 0, 12.915, 345.198

51, 12.915,
345.198

51, 12.915,
345.198

47, 20.022,
346.191

55, 5.881, 344.291

44, 27.076,
347.308

59, 0.994, 163.861

63, 7.666, 162.857

40, 33.876,
348.594

67, 14.118,
162.167

37, 40.151,
350.111

71, 20.344,
161.540

34, 45.573,
351.945

76, 26.350,
160.960

32, 49.802,
354.212

80, 32.149,
160.422

31, 52.596,
357.058

84, 37.752,
159.921

30, 54.212, 0.475

■ 30, 54.457, 0.977

■ 88, 43.175,
159.453

Harmonies

Complementary

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



51, 12.915, 345.198



56, 12.625, 162.114

Rectangle

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



51, 12.915, 345.198



51, 12.915, 35.198



51, 12.915, 165.198



51, 12.915, 215.198

Sweetspot

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



51, 12.913, 345.200



72, 5.135, 344.072



50, 16.087, 309.898



37, 3.396, 344.123



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, 12.913, 345.200



64, 19.149, 345.579



51, 10.886, 20.642



28, 3.950, 344.351



28, 52.993, 0.816



1, 2.639, 343.653

Inverse Universe

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



51, 12.913, 345.200



64, 19.149, 345.579



56, 9.685, 198.500



28, 3.950, 344.351



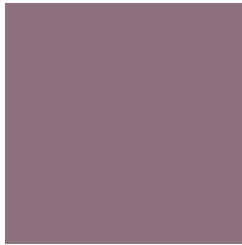
28, 52.993, 0.816



1, 2.639, 343.653

Previews

White Background



This preview shows how the CIELCh color 51, 12.915, 345.198 looks on a white background.

Color Contrast Check

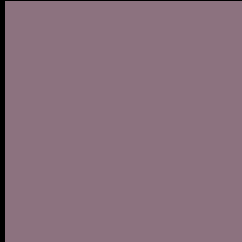
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.915, 345.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

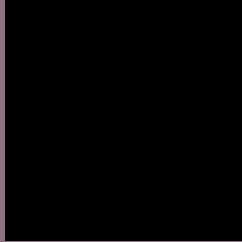
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 12.915, 345.198

Background



This preview shows how black text looks on a background with the CIELCh color 51, 12.915, 345.198.



This preview shows how white text looks on a background with the CIELCh color 51, 12.915, 345.198.

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, 12.915, 345.198

Protanopia

51, 5.832, 290.929

Deuteranopia

51, 7.407, 335.222



Tritanopia
51, 11.423, 353.602

Trichromacy



Original Color
51, 12.915, 345.198

Protanomaly
51, 7.365, 319.695

Deuteranomaly
51, 8.983, 340.102

Tritanomaly
51, 11.676, 351.034

Monochromacy



Original Color
51, 12.915, 345.198

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 4.975, 344.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 12.915, 345.198 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(140, 114, 127)` looks like.

```
.text, #text, p{  
    color:rgb(140, 114, 127)  
}
```

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(140, 114, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 114, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 12.915, 345.198 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(140, 114, 127) }
```

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

```
.border{ border-color:rgb(140, 114, 127) }
```

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

Here you see how a box with a 4 pixel rgb(140, 114, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 114, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 114, 127);  
box-shadow:4px 4px 4px 4px rgb(140, 114,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 12.915, 345.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 114, 127) }
```

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

```
.background{ background-color: rgb(140,  
114, 127) }
```

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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