

Converting Colors

CIELCh(51, 4.824, 349.013)

Have a look what the booklet for
CIELCh(51, 4.824, 349.013) contains.

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Color

CIELCh(51, 4.671, 350.016)

Conversions

Conversions Part 1

Format	Color
Hex	81777B
RGB	129, 119, 123
RGB Percent	51%, 47%, 48%
CMY	0.4944, 0.5336, 0.5179
CMYK	0.00, 0.08, 0.05, 0.49
HSL	336°, 4%, 49%
HSV	336°, 8%, 51%
XYZ	19.2035, 19.2686, 21.4246
YIQ	122.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

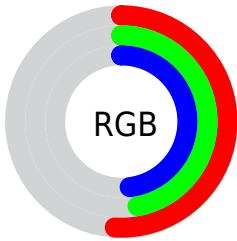
Format	Color
R_{YB}	129, 119, 123
Decimal	8484731
CIE Lab	51.00, 4.60, -0.81
CIE LCh	51, 4.671, 350.016
Yxy	19.2686, 0.3206, 0.3217
Android (android.graphics.Color)	4286674811 (0xFF81777B)
YUV	122.4460, 0.2731, 5.7479
Hunter-Lab	43.8960, 1.2714, 1.7892

Details

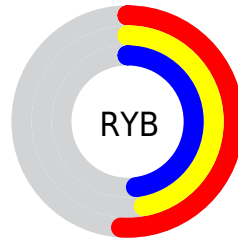
The CIELCh color $51, 4.671, 350.016$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 4.597, 168.831$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 4.709, 352.159$, and $31, 4.421, 354.603$ is the 20% darker color. If you saturate the color by 10%, you get $47, 10.847, 351.017$, and if you desaturate by 10%, it is $55, 1.325, 169.483$.

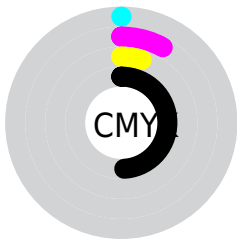
Distribution



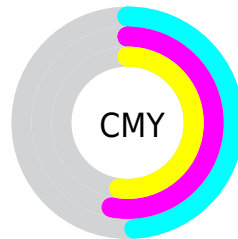
- Red (51%)
- Green (47%)
- Blue (48%)



- Red (51%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 4.671, 350.016 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, 4.671, 350.016 by changing the saturation by 10% instead.

■ 51, 4.671, 350.016

■ 51, 4.671, 350.016

■ 100, 4.671,
350.016

■ 41, 4.671, 350.016

■ 71, 4.671, 350.016

■ 31, 4.671, 350.016

■ 81, 4.671, 350.016

■ 21, 4.671, 350.016

■ 91, 4.671, 350.016

■ 11, 4.671, 350.016

■ 1, 4.671, 350.016

■ 0, 4.671, 350.016

■ 51, 4.671, 350.016

■ 51, 4.671, 350.016

■ 47, 10.847,
351.017

■ 55, 1.325, 169.483

■ 59, 7.107, 168.519

44, 17.151,
352.111

63, 12.668,
167.802

40, 23.479,
353.368

66, 18.012,
167.155

37, 29.675,
354.844

70, 23.148,
166.563

34, 35.517,
356.619

74, 28.090,
166.017

31, 40.730,
358.801

78, 32.853,
165.512

29, 45.027, 1.529

82, 37.452,
165.041

28, 48.199, 4.962

86, 41.901,
164.603

27, 50.468, 9.053

Harmonies

Complementary

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



51, 4.671, 350.016



53, 4.597, 168.831

Rectangle

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



51, 4.671, 350.016



51, 4.671, 40.016



51, 4.671, 170.016



51, 4.671, 220.016

Sweetspot

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



51, 4.669, 350.024



68, 1.487, 349.334



51, 6.326, 312.776



35, 0.842, 349.302



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 4.669, 350.024



65, 6.754, 350.167



51, 3.711, 28.686



25, 3.370, 350.155



26, 50.597, 9.891



0, 0.000, 0.000

Inverse Universe

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



51, 4.669, 350.024



65, 6.754, 350.167



53, 3.538, 208.584



25, 3.370, 350.155



26, 50.597, 9.891



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 4.671, 350.016 looks on a white background.

Color Contrast Check

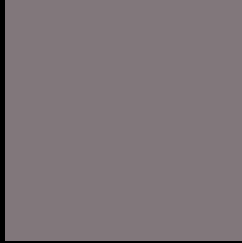
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.671, 350.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

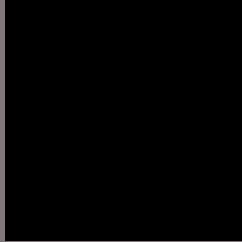
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 4.671, 350.016

Background



This preview shows how black text looks on a background with the CIELCh color 51, 4.671, 350.016.



This preview shows how white text looks on a background with the CIELCh color 51, 4.671, 350.016.

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, 4.671, 350.016

Protanopia

51, 1.935, 314.702

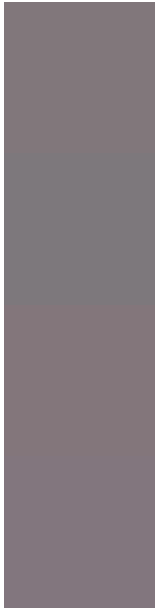
Deuteranopia

51, 6.380, 353.029



Tritanopia
51, 7.566, 329.899

Trichromacy



Original Color

51, 4.671, 350.016

Protanomaly

51, 3.091, 330.694

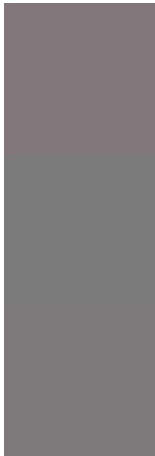
Deuteranomaly

51, 6.020, 351.194

Tritanomaly

51, 6.718, 336.253

Monochromacy



Original Color

51, 4.671, 350.016

Achromatopsia

51, 0.007, 296.813

Achromatomaly

51, 1.718, 359.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 4.671, 350.016 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(129, 119, 123)` looks like.

```
.text, #text, p{  
    color:rgb(129, 119, 123)  
}
```

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(129, 119, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 119, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 4.671, 350.016 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(129, 119, 123) }
```

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

```
.border{ border-color:rgb(129, 119, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 119, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 119, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 119, 123);  
box-shadow:4px 4px 4px 4px rgb(129, 119,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 4.671, 350.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 119, 123) }
```

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

```
.background{ background-color: rgb(129,  
119, 123) }
```

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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