

Converting Colors

CIELCh(51, 7.149, 357.920)

Have a look what the booklet for
CIELCh(51, 7.149, 357.920) contains.

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Color

CIELCh(51, 7.506, 357.510)

Conversions

Conversions Part 1

Format	Color
Hex	86757A
RGB	134, 117, 122
RGB Percent	53%, 46%, 48%
CMY	0.4737, 0.5403, 0.5207
CMYK	0.00, 0.13, 0.09, 0.47
HSL	342°, 7%, 49%
HSV	342°, 13%, 53%
XYZ	19.7783, 19.2686, 21.1584
YIQ	122.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

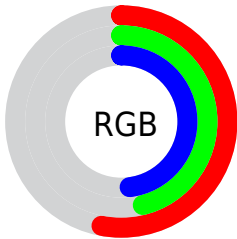
Format	Color
R_{YB}	134, 117, 122
Decimal	8811898
CIE Lab	51.00, 7.50, -0.33
CIE LCh	51, 7.506, 357.510
Yxy	19.2686, 0.3285, 0.3200
Android (android.graphics.Color)	4287001978 (0xFF86757A)
YUV	122.6530, -0.3219, 9.9513
Hunter-Lab	43.8960, 3.6088, 2.1487

Details

The CIELCh color $51, 7.506, 357.510$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 7.241, 175.290$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 7.376, 358.368$, and $31, 7.165, 359.912$ is the 20% darker color. If you saturate the color by 10%, you get $47, 13.679, 358.632$, and if you desaturate by 10%, it is $55, 1.551, 356.383$.

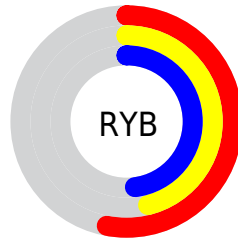
Distribution



Red (53%)

Green (46%)

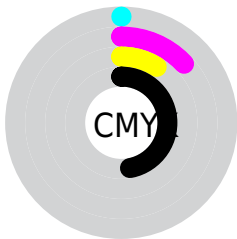
Blue (48%)



Red (53%)

Yellow (46%)

Blue (48%)

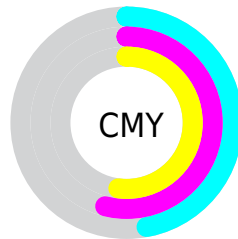


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (47%)



Cyan (47%)

Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 7.506, 357.510 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, 7.506, 357.510 by changing the saturation by 10% instead.

■ 51, 7.506, 357.510

■ 51, 7.506, 357.510

■ 100, 7.506,
357.510

■ 41, 7.506, 357.510

■ 71, 7.506, 357.510

■ 31, 7.506, 357.510

■ 81, 7.506, 357.510

■ 21, 7.506, 357.510

■ 91, 7.506, 357.510

■ 11, 7.506, 357.510

■ 1, 7.506, 357.510

■ 0, 7.506, 357.510

■ 51, 7.506, 357.510

■ 51, 7.506, 357.510

■ 47, 13.679,
358.632

■ 55, 1.551, 356.383

■ 59, 4.154, 175.861

43, 20.011,
359.920

63, 9.602, 175.065

40, 26.391, 1.450

67, 14.801,
174.379

37, 32.645, 3.306

71, 19.766,
173.762

34, 38.543, 5.603

75, 24.513,
173.201

31, 43.816, 8.484

29, 48.234, 12.103

79, 29.061,
172.686

28, 51.714, 16.573

83, 33.430,
172.212

27, 54.127, 19.995

87, 37.636,
171.773

Harmonies

Complementary

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



51, 7.506, 357.510



55, 7.241, 175.290

Rectangle

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



51, 7.506, 357.510



51, 7.506, 47.510



51, 7.506, 177.510



51, 7.506, 227.510

Sweetspot

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



51, 7.504, 357.517



69, 2.872, 356.591



51, 11.005, 316.235



35, 2.035, 356.673



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 7.504, 357.517



64, 11.010, 357.801



52, 5.947, 39.196



26, 3.284, 357.145



26, 52.857, 19.804



0, 0.773, 356.373

Inverse Universe

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



51, 7.504, 357.517



64, 11.010, 357.801



54, 5.505, 219.922



26, 3.284, 357.145



26, 52.857, 19.804



0, 0.773, 356.373

Previews

White Background



This preview shows how the CIELCh color 51, 7.506, 357.510 looks on a white background.

Color Contrast Check

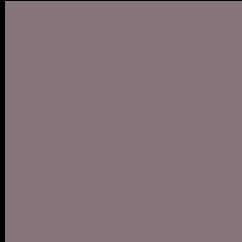
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.506, 357.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

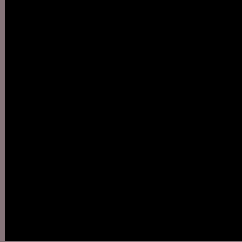
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 7.506, 357.510

Background



This preview shows how black text looks on a background with the CIELCh color 51, 7.506, 357.510.



This preview shows how white text looks on a background with the CIELCh color 51, 7.506, 357.510.

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, 7.506, 357.510

Protanopia

51, 1.935, 314.702

Deuteranopia

51, 6.530, 359.305



Tritanopia
51, 8.952, 344.711

Trichromacy



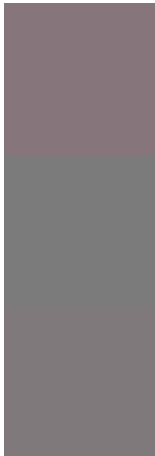
Original Color
51, 7.506, 357.510

Protanomaly
51, 3.327, 348.057

Deuteranomaly
51, 6.530, 359.305

Tritanomaly
51, 8.639, 347.873

Monochromacy



Original Color
51, 7.506, 357.510

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 2.689, 353.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 7.506, 357.510 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(134, 117, 122)` looks like.

```
.text, #text, p{  
    color:rgb(134, 117, 122)  
}
```

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(134, 117, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 117, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 7.506, 357.510 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(134, 117, 122) }
```

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

```
.border{ border-color:rgb(134, 117, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 117, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 117, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 117, 122);  
box-shadow:4px 4px 4px 4px rgb(134, 117,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 7.506, 357.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 117, 122) }
```

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

```
.background{ background-color: rgb(134,  
117, 122) }
```

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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