

Converting Colors

CIELCh(51, 5.296, 355.496)

Have a look what the booklet for
CIELCh(51, 5.296, 355.496) contains.

CIELCh(51, 4.793, 358.575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(51, 4.793, 358.575)

Conversions

Conversions Part 1

Format	Color
Hex	82777A
RGB	130, 119, 122
RGB Percent	51%, 47%, 48%
CMY	0.4911, 0.5342, 0.5224
CMYK	0.00, 0.08, 0.06, 0.49
HSL	344°, 4%, 49%
HSV	344°, 8%, 51%
XYZ	19.2410, 19.2686, 21.0453
YIQ	122.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

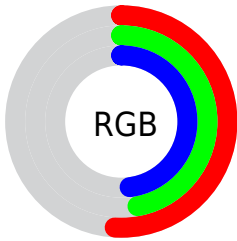
Format	Color
R_{YB}	130, 119, 122
Decimal	8550266
CIE Lab	51.00, 4.79, -0.12
CIE LCh	51, 4.793, 358.575
Yxy	19.2686, 0.3231, 0.3235
Android (android.graphics.Color)	4286740346 (0xFF82777A)
YUV	122.6310, -0.3111, 6.4626
Hunter-Lab	43.8960, 1.4242, 2.3016

Details

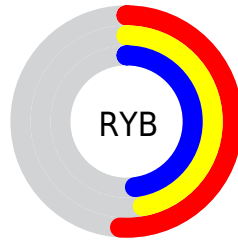
The CIELCh color $51, 4.793, 358.575$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 4.669, 177.217$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 4.842, 0.029$, and $31, 4.631, 4.259$ is the 20% darker color. If you saturate the color by 10%, you get $47, 10.664, 359.658$, and if you desaturate by 10%, it is $55, 0.841, 178.182$.

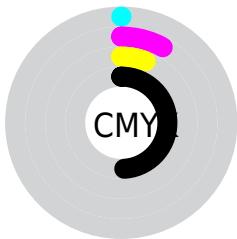
Distribution



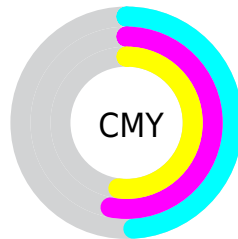
- Red (51%)
- Green (47%)
- Blue (48%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 4.793, 358.575 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, 4.793, 358.575 by changing the saturation by 10% instead.

■ 51, 4.793, 358.575

■ 51, 4.793, 358.575

■ 100, 4.793,
358.575

■ 41, 4.793, 358.575

■ 71, 4.793, 358.575

■ 31, 4.793, 358.575

■ 81, 4.793, 358.575

■ 21, 4.793, 358.575

■ 91, 4.793, 358.575

■ 11, 4.793, 358.575

■ 1, 4.793, 358.575

■ 0, 4.793, 358.575

■ 51, 4.793, 358.575

■ 51, 4.793, 358.575

■ 47, 10.664,
359.658

■ 55, 0.841, 178.182

■ 59, 6.218, 177.024

44, 16.735, 0.871

63, 11.343,
176.290

40, 22.923, 2.303

67, 16.228,
175.641

37, 29.093, 4.030

34, 35.052, 6.156

71, 20.888,
175.057

31, 40.556, 8.812

75, 25.343,
174.524

29, 45.364, 12.149

27, 49.324, 16.296

79, 29.611,
174.035

26, 52.731, 21.001

83, 33.711,
173.584

86, 37.660,
173.167

Harmonies

Complementary

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



51, 4.793, 358.575



53, 4.669, 177.217

Rectangle

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



51, 4.793, 358.575



51, 4.793, 48.575



51, 4.793, 178.575



51, 4.793, 228.575

Sweetspot

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



51, 4.792, 358.586



68, 2.076, 357.953



51, 7.161, 316.581



35, 1.568, 358.059



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, 4.792, 358.586



64, 7.020, 358.769



52, 3.771, 41.103



25, 3.146, 358.650



26, 52.582, 21.568



0, 0.000, 0.000

Inverse Universe

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



51, 4.792, 358.586



64, 7.020, 358.769



53, 3.590, 221.825



25, 3.146, 358.650



26, 52.582, 21.568



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 4.793, 358.575 looks on a white background.

Color Contrast Check

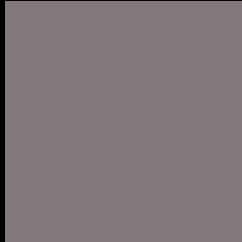
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.793, 358.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

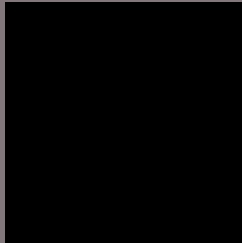
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 4.793, 358.575

Background



This preview shows how black text looks on a background with the CIELCh color 51, 4.793, 358.575.



This preview shows how white text looks on a background with the CIELCh color 51, 4.793, 358.575.

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, 4.793, 358.575

Protanopia

51, 1.426, 324.401

Deuteranopia

51, 6.530, 359.305



Tritanopia
51, 7.407, 335.222

Trichromacy



Original Color

51, 4.793, 358.575

Protanomaly

51, 2.677, 338.819

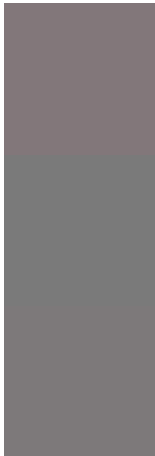
Deuteranomaly

51, 6.148, 357.880

Tritanomaly

51, 6.647, 342.362

Monochromacy



Original Color

51, 4.793, 358.575

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, 4.793, 358.575 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(130, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(130, 119, 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(130, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 119, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 4.793, 358.575 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(130, 119, 122) }
```

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

```
.border{ border-color:rgb(130, 119, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(130, 119,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 4.793, 358.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 119, 122) }
```

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

```
.background{ background-color: rgb(130,  
119, 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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