

Converting Colors

CIELCh(51, 2.726, 266.291)

Have a look what the booklet for
CIELCh(51, 2.726, 266.291) contains.

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Color

CIELCh(51, 2.596, 263.511)

Conversions

Conversions Part 1

Format	Color
Hex	777A7E
RGB	119, 122, 126
RGB Percent	47%, 48%, 49%
CMY	0.5342, 0.5225, 0.5068
CMYK	0.06, 0.03, 0.00, 0.51
HSL	214°, 3%, 48%
HSV	214°, 6%, 49%
XYZ	18.2585, 19.2686, 22.4173
YIQ	121.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

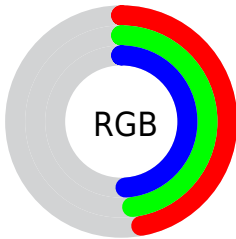
Format	Color
R_{YB}	119, 121, 126
Decimal	7830142
CIE Lab	51.00, -0.29, -2.58
CIE LCh	51, 2.596, 263.511
Yxy	19.2686, 0.3046, 0.3214
Android (android.graphics.Color)	4286020222 (0xFF777A7E)
YUV	121.5590, 2.1894, -2.2442
Hunter-Lab	43.8960, -2.5713, 0.4484

Details

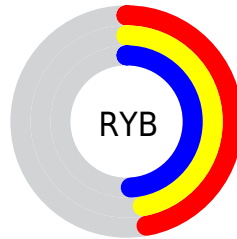
The CIELCh color **51, 2.596, 263.511** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52, 2.604, 81.955**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 2.933, 268.296**, and **31, 2.673, 272.070** is the 20% darker color. If you saturate the color by 10%, you get **48, 7.260, 264.826**, and if you desaturate by 10%, it is **54, 2.054, 82.086**.

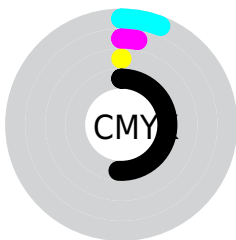
Distribution



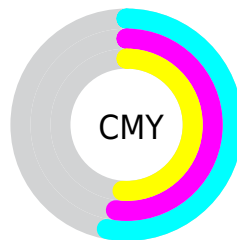
- Red (47%)
- Green (48%)
- Blue (49%)



- Red (47%)
- Yellow (47%)
- Blue (49%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 2.596, 263.511 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, 2.596, 263.511 by changing the saturation by 10% instead.

■ 51, 2.596, 263.511

■ 51, 2.596, 263.511

■ 100, 2.596,
263.511

■ 41, 2.596, 263.511

■ 71, 2.596, 263.511

■ 31, 2.596, 263.511

■ 81, 2.596, 263.511

■ 21, 2.596, 263.511

■ 91, 2.596, 263.511

■ 11, 2.596, 263.511

■ 1, 2.596, 263.511

■ 0, 2.596, 263.511

■ 51, 2.596, 263.511

■ 51, 2.596, 263.511

■ 48, 7.260, 264.826

■ 54, 2.054, 82.086

■ 45, 11.931,

■ 57, 6.681, 81.119

266.446

60, 11.276, 80.225

42, 16.602,
268.350

63, 15.833, 79.435

39, 21.270,
270.581

66, 20.347, 78.735

36, 25.942,
273.182

69, 24.813, 78.112

33, 30.634,
276.182

72, 29.228, 77.554

30, 35.378,
279.580

75, 33.589, 77.051

28, 40.213,
283.324

78, 37.895, 76.596

25, 45.177,
287.239

Harmonies

Complementary

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



51, 2.596, 263.511



52, 2.604, 81.955

Rectangle

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



51, 2.596, 263.511



51, 2.596, 313.511



51, 2.596, 83.511



51, 2.596, 133.511

Sweetspot

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



51, 2.595, 263.483



66, 1.158, 263.186



52, 3.306, 167.040



34, 0.655, 263.186



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



51, 2.595, 263.483



64, 4.040, 263.674



50, 4.103, 293.279



26, 2.126, 263.689



24, 47.979, 288.892



0, 0.000, 0.000

Inverse Universe

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



51, 3.333, 348.044



64, 5.200, 348.203



52, 4.044, 112.340



25, 2.738, 348.215



26, 50.503, 7.158



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 2.596, 263.511 looks on a white background.

Color Contrast Check

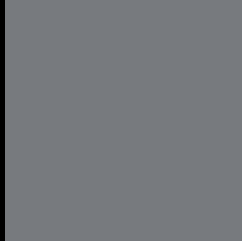
Large Text (above 18pt) WCAG AA ✓ Pass

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, 2.596, 263.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

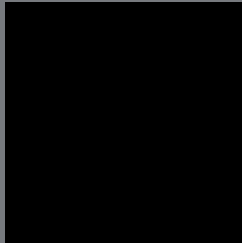
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

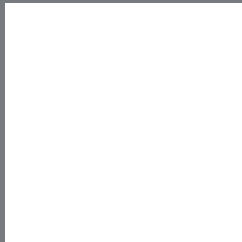
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 2.596, 263.511

Background



This preview shows how black text looks on a background with the CIELCh color 51, 2.596, 263.511.



This preview shows how white text looks on a background with the CIELCh color 51, 2.596, 263.511.

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, 2.596, 263.511

Protanopia

51, 2.375, 300.091

Deuteranopia

51, 7.407, 335.222



Tritanopia
51, 5.838, 287.132

Trichromacy



Original Color
51, 2.596, 263.511

Protanomaly
51, 2.336, 290.496

Deuteranomaly
51, 5.675, 324.740

Tritanomaly
51, 4.677, 286.009

Monochromacy



Original Color
51, 2.596, 263.511

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 1.231, 271.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 2.596, 263.511 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(119, 122, 126)` looks like.

```
.text, #text, p{  
    color:rgb(119, 122, 126)  
}
```

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(119, 122, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 122, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 2.596, 263.511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

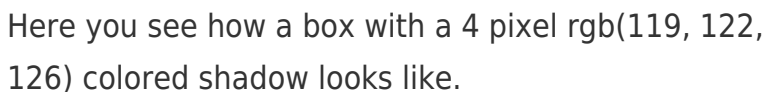
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 122, 126) }
```

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

```
.border{ border-color:rgb(119, 122, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 122, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 122, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 122, 126); box-shadow:4px 4px 4px 4px rgb(119, 122, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 2.596, 263.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 122, 126) }
```

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

```
.background{ background-color: rgb(119,  
122, 126) }
```

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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