

Converting Colors

CIELCh(51, 5.355, 196.360)

Have a look what the booklet for
CIELCh(51, 5.355, 196.360) contains.

CIELCh(51, 5.440, 198.891)	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, 5.440, 198.891)

Conversions

Conversions Part 1

Format	Color
Hex	6E7C7C
RGB	110, 124, 124
RGB Percent	43%, 49%, 49%
CMY	0.5677, 0.5128, 0.5128
CMYK	0.11, 0.00, 0.00, 0.51
HSL	180°, 6%, 46%
HSV	180°, 11%, 49%
XYZ	17.3524, 19.2686, 21.9546
YIQ	119.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

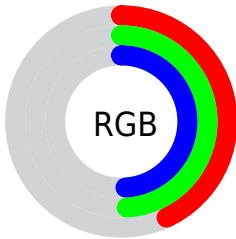
Format	Color
RYB	110, 117, 124
Decimal	7240828
CIELab	51.00, -5.15, -1.76
CIElCh	51, 5.440, 198.891
Yxy	19.2686, 0.2962, 0.3290
Android (android.graphics.Color)	4285430908 (0xFF6E7C7C)
YUV	119.8140, 2.0637, -8.6069
Hunter-Lab	43.8960, -6.2559, 1.0733

Details

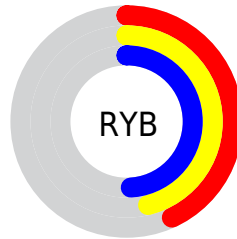
The CIELCh color **51, 5.440, 198.891** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 5.825, 20.027**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 5.547, 193.374**, and **31, 5.442, 198.626** is the 20% darker color. If you saturate the color by 10%, you get **50, 9.983, 198.365**, and if you desaturate by 10%, it is **52, 0.627, 199.946**.

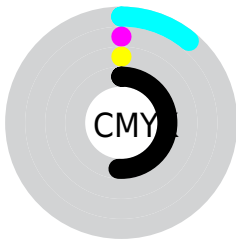
Distribution



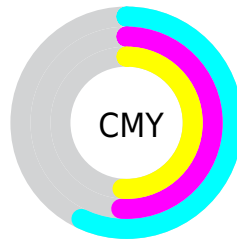
- Red (43%)
- Green (49%)
- Blue (49%)



- Red (43%)
- Yellow (46%)
- Blue (49%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 5.440, 198.891 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, 5.440, 198.891 by changing the saturation by 10% instead.

■ 51, 5.440, 198.891

■ 51, 5.440, 198.891

■ 100, 5.440,
198.891

■ 41, 5.440, 198.891

■ 71, 5.440, 198.891

■ 31, 5.440, 198.891

■ 81, 5.440, 198.891

■ 21, 5.440, 198.891

■ 91, 5.440, 198.891

■ 11, 5.440, 198.891

■ 1, 5.440, 198.891

■ 0, 5.440, 198.891

■ 51, 5.440, 198.891

■ 51, 5.440, 198.891

■ 50, 9.983, 198.365

■ 52, 0.627, 199.946

■ 49, 14.184,

■ 53, 4.390, 19.784

197.915

54, 9.552, 20.402

49, 17.968,
197.520

55, 14.810, 21.002

48, 21.267,
197.181

57, 20.121, 21.605

48, 24.024,
196.903

58, 25.454, 22.210

47, 26.201,
196.686

60, 30.782, 22.813

61, 36.086, 23.412

47, 27.787,
196.528

47, 28.802,
196.427

47, 29.428,
196.365

Harmonies

Complementary

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



51, 5.440, 198.891



48, 5.825, 20.027

Rectangle

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



51, 5.440, 198.891



51, 5.440, 248.891



51, 5.440, 18.891



51, 5.440, 68.891

Sweetspot

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



51, 5.441, 198.879



66, 1.820, 199.488



51, 9.933, 143.389



34, 1.389, 199.400



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, 5.441, 198.879



64, 8.272, 198.713



49, 4.816, 255.046



25, 2.700, 199.008



47, 29.548, 196.365



90, 49.740, 196.364

Inverse Universe

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



48, 5.825, 20.027



60, 9.032, 20.265



50, 4.957, 72.248



24, 2.851, 19.858



25, 60.071, 38.168



53, 103.776, 39.996

Previews

White Background



This preview shows how the CIELCh color 51, 5.440, 198.891 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, 5.440, 198.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

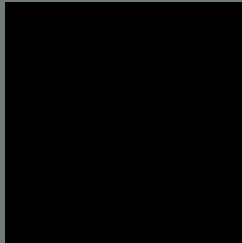
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

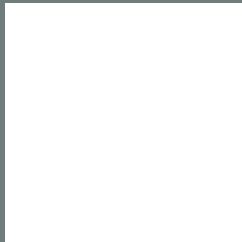
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 5.440, 198.891

Background



This preview shows how black text looks on a background with the CIELCh color 51, 5.440, 198.891.



This preview shows how white text looks on a background with the CIELCh color 51, 5.440, 198.891.

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

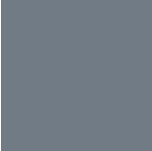
51, 5.440, 198.891

Protanopia

51, 1.000, 343.494

Deuteranopia

51, 7.012, 338.595



Tritanopia
51, 7.072, 254.874

Trichromacy



Original Color
51, 5.440, 198.891

Protanomaly
51, 1.679, 219.798

Deuteranomaly
51, 3.169, 312.608

Tritanomaly
51, 6.056, 241.595

Monochromacy



Original Color
51, 5.440, 198.891

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 2.373, 199.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 5.440, 198.891 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(110, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(110, 124, 124)  
}
```

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(110, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 124, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 5.440, 198.891 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(110, 124, 124) }
```

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

```
.border{ border-color:rgb(110, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(110, 124,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 5.440, 198.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 124, 124) }
```

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

```
.background{ background-color: rgb(110,  
124, 124) }
```

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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