

Converting Colors

CIELCh(51, 42.981, 274.519)

Have a look what the booklet for
CIELCh(51, 42.981, 274.519)
contains.

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Color

CIELCh(51, 43.051, 274.310)

Conversions

Conversions Part 1

Format	Color
Hex	3E7CC3
RGB	62, 124, 195
RGB Percent	24%, 49%, 76%
CMY	0.7585, 0.5150, 0.2367
CMYK	0.68, 0.36, 0.00, 0.24
HSL	212°, 52%, 50%
HSV	212°, 68%, 76%
XYZ	18.9367, 19.2686, 54.1400
YIQ	113.5560, -59.7430, 8.9370

Conversions

Conversions Part 2

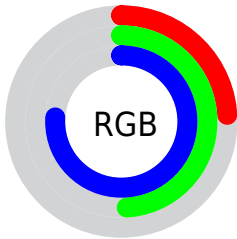
Format	Color
R_{YB}	62, 104, 195
Decimal	4095171
CIE _{Lab}	51.00, 3.24, -42.93
CIE _{LCh}	51, 43.051, 274.310
Yxy	19.2686, 0.2051, 0.2087
Android (android.graphics.Color)	4282285251 (0xFF3E7CC3)
YUV	113.5560, 40.1519, -45.2146
Hunter-Lab	43.8960, 0.1866, -42.3992

Details

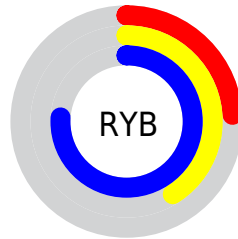
The CIELCh color **51, 43.051, 274.310** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **60, 49.793, 69.861**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 43.161, 274.383**, and **32, 42.077, 278.836** is the 20% darker color. If you saturate the color by 10%, you get **47, 49.257, 278.155**, and if you desaturate by 10%, it is **55, 36.882, 270.911**.

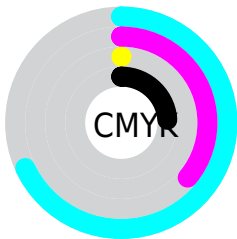
Distribution



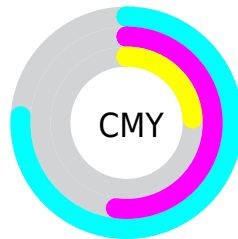
- Red (24%)
- Green (49%)
- Blue (76%)



- Red (24%)
- Yellow (41%)
- Blue (76%)



- Cyan (68%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 43.051, 274.310 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, 43.051, 274.310 by changing the saturation by 10% instead.

■ 51, 43.051,
274.310

■ 51, 43.051,
274.310

■ 100, 43.051,
274.310

■ 41, 43.051,
274.310

■ 71, 43.051,
274.310

■ 31, 43.051,
274.310

■ 81, 43.051,
274.310

■ 21, 43.051,
274.310

■ 91, 43.051,
274.310

■ 11, 43.051,
274.310

■ 1, 43.051, 274.310

■ 0, 43.051, 274.310

■ 51, 43.051,
274.310

■ 51, 43.051,
274.310

■ 47, 49.257,
278.155

■ 55, 36.882,
270.911

■ 44, 55.581,
282.352

■ 59, 30.693,
267.973

■ 41, 62.092,
286.673

■ 63, 24.451,
265.471

■ 40, 63.182,
287.335

■ 67, 18.145,
263.356

■ 71, 11.784,
261.574

■ 75, 5.382, 260.090

■ 79, 1.042, 78.416

■ 84, 7.469, 77.587

Harmonies

Complementary

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



51, 43.051, 274.310



60, 49.793, 69.861

Rectangle

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



51, 43.051, 274.310



51, 43.051, 324.310



51, 43.051, 94.310



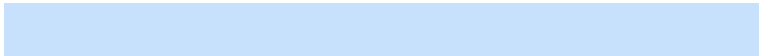
51, 43.051, 144.310

Sweetspot

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



51, 43.050, 274.311



88, 16.627, 262.070



71, 55.328, 156.405



46, 11.336, 262.566



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 43.050, 274.311



59, 63.656, 280.183



35, 81.107, 301.649



39, 3.632, 260.224



33, 54.007, 286.672



4, 13.281, 272.030

Inverse Universe

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



47, 58.192, 354.614



57, 79.526, 358.778



76, 65.509, 104.902



38, 4.981, 346.236



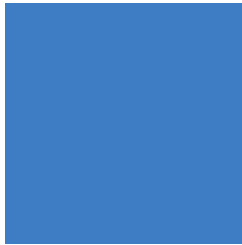
34, 59.801, 4.652



3, 15.556, 354.315

Previews

White Background



This preview shows how the CIE LCh color 51, 43.051, 274.310 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, 43.051, 274.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

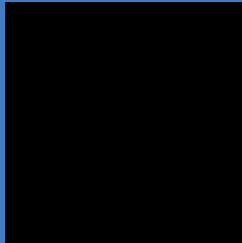
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

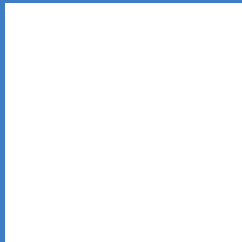
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 43.051, 274.310

Background



This preview shows how black text looks on a background with the CIELCh color 51, 43.051, 274.310.

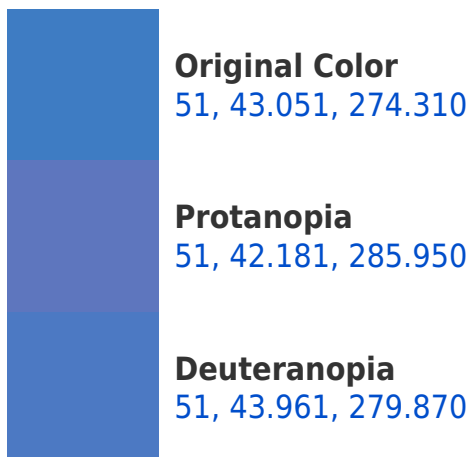



This preview shows how white text looks on a background with the CIELCh color 51, 43.051, 274.310.

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](#).

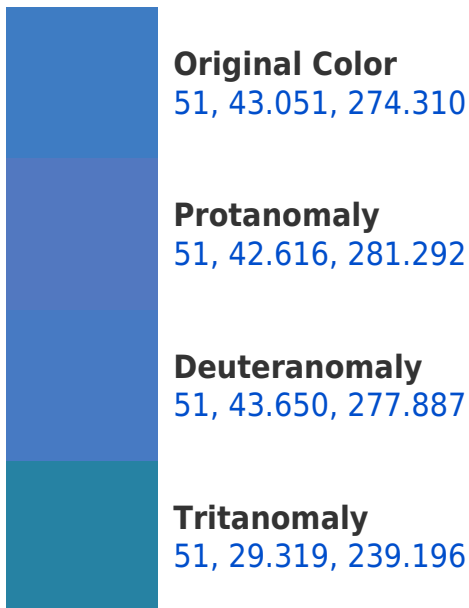
Dichromacy



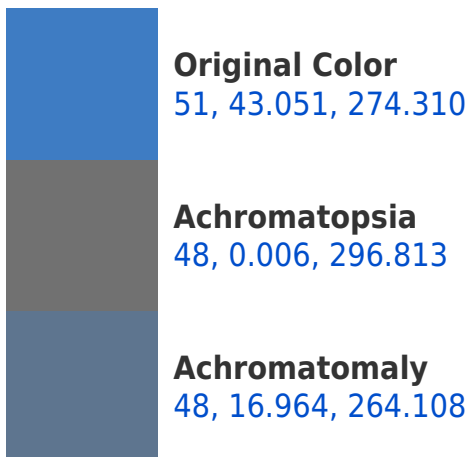


Tritanopia
51, 28.567, 209.934

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 43.051, 274.310 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(62, 124, 195)` looks like.

```
.text, #text, p{  
    color:rgb(62, 124, 195)  
}
```

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(62, 124, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 124, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 43.051, 274.310 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(62, 124, 195) }
```

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

```
.border{ border-color:rgb(62, 124, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 124, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 124, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 124, 195);  
box-shadow:4px 4px 4px 4px rgb(62, 124,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 43.051, 274.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 124, 195) }
```

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

```
.background{ background-color: rgb(62, 124,  
195) }
```

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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