

Converting Colors

CIELCh(51, 62.065, 308.910)

Have a look what the booklet for
CIELCh(51, 62.065, 308.910)
contains.

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Color

CIELCh(51, 62.131, 308.926)

Conversions

Conversions Part 1

Format	Color
Hex	8F64CD
RGB	143, 100, 205
RGB Percent	56%, 39%, 80%
CMY	0.4404, 0.6089, 0.1973
CMYK	0.30, 0.51, 0.00, 0.20
HSL	265°, 51%, 60%
HSV	265°, 51%, 80%
XYZ	26.7904, 19.2686, 59.8728
YIQ	124.8270, -8.0770, 41.7710

Conversions

Conversions Part 2

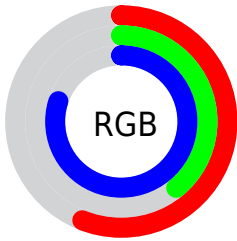
Format	Color
R_{YB}	143, 100, 205
Decimal	9397453
CIE _{Lab}	51.00, 39.04, -48.34
CIE _{LCh}	51, 62.131, 308.926
Yxy	19.2686, 0.2529, 0.1819
Android (android.graphics.Color)	4287587533 (0xFF8F64CD)
YUV	124.8270, 39.5253, 15.9377
Hunter-Lab	43.8960, 32.1230, -50.1425

Details

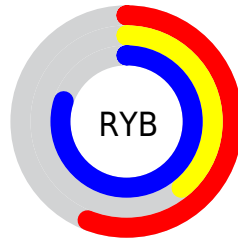
The CIELCh color $51, 62.131, 308.926$ is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be $77, 56.558, 123.354$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 58.215, 309.722$, and $31, 62.241, 309.071$ is the 20% darker color. If you saturate the color by 10%, you get $45, 74.475, 309.567$, and if you desaturate by 10%, it is $57, 49.563, 308.252$.

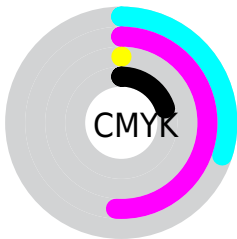
Distribution



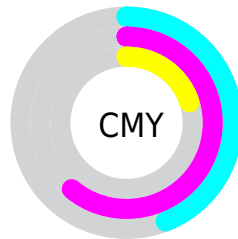
- Red (56%)
- Green (39%)
- Blue (80%)



- Red (56%)
- Yellow (39%)
- Blue (80%)



- Cyan (30%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (61%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 62.131, 308.926 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, 62.131, 308.926 by changing the saturation by 10% instead.

■ 51, 62.131,
308.926

■ 51, 62.131,
308.926

■ 100, 62.131,
308.926

■ 41, 62.131,
308.926

■ 71, 62.131,
308.926

■ 31, 62.131,
308.926

■ 81, 62.131,
308.926

■ 21, 62.131,
308.926

■ 91, 62.131,
308.926

■ 11, 62.131,
308.926

■ 1, 62.131, 308.926

■ 0, 62.131, 308.926

51, 62.131,
308.926

51, 62.131,
308.926

45, 74.475,
309.567

57, 49.563,
308.252

40, 86.065,
310.095

63, 37.085,
307.591

36, 96.093,
310.393

69, 24.862,
306.972

32, 103.566,
310.319

75, 12.975,
306.404

30, 107.872,
309.962

82, 1.456, 305.843

88, 9.689, 125.465

94, 20.466,
125.067

98, 26.109,
121.037

■ 99, 25.431,
111.198

Harmonies

Complementary

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



51, 62.131, 308.926



77, 56.558, 123.354

Rectangle

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



51, 62.131, 308.926



51, 62.131, 358.926



51, 62.131, 128.926



51, 62.131, 178.926

Sweetspot

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



51, 62.130, 308.926



89, 20.751, 306.620



64, 28.985, 252.833



46, 14.204, 306.741



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, 62.130, 308.926



55, 90.038, 309.657



57, 65.425, 324.048



40, 6.488, 306.302



24, 92.044, 310.124



2, 24.178, 303.458

Inverse Universe

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



57, 50.888, 343.887



65, 71.171, 345.475



75, 65.096, 138.174



40, 5.653, 339.750



36, 63.134, 353.427



4, 20.986, 347.751

Previews

White Background



This preview shows how the CIELCh color 51, 62.131, 308.926 looks on a white background.

Color Contrast Check

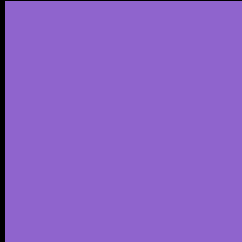
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.131, 308.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

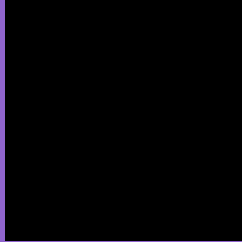
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 62.131, 308.926

Background



This preview shows how black text looks on a background with the CIELCh color 51, 62.131, 308.926.

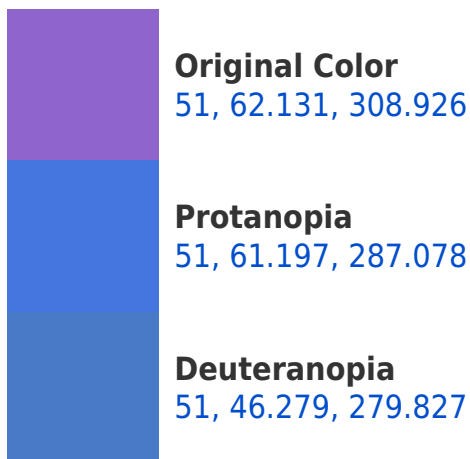


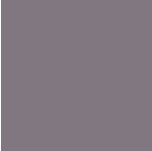
This preview shows how white text looks on a background with the CIELCh color 51, 62.131, 308.926.

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, 6.378, 324.782

Trichromacy



Original Color
51, 62.131, 308.926



Protanomaly
50, 61.034, 293.808



Deuteranomaly
51, 51.263, 291.450



Tritanomaly
51, 26.929, 309.641

Monochromacy



Original Color
51, 62.131, 308.926



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 22.917, 306.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 62.131, 308.926 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(143, 100, 205)` looks like.

```
.text, #text, p{  
    color:rgb(143, 100, 205)  
}
```

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(143, 100, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 100, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 62.131, 308.926 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(143, 100, 205) }
```

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

```
.border{ border-color:rgb(143, 100, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 100, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 100, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 100, 205);  
box-shadow:4px 4px 4px 4px rgb(143, 100,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 62.131, 308.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 100, 205) }
```

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

```
.background{ background-color: rgb(143,  
100, 205) }
```

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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