

Converting Colors

CIELCh(51, 30.173, 314.614)

Have a look what the booklet for
CIELCh(51, 30.173, 314.614)
contains.

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Color

CIELCh(51, 30.134, 314.606)

Conversions

Conversions Part 1

Format	Color
Hex	8C6E9E
RGB	140, 110, 158
RGB Percent	55%, 43%, 62%
CMY	0.4501, 0.5678, 0.3795
CMYK	0.11, 0.30, 0.00, 0.38
HSL	278°, 20%, 53%
HSV	278°, 30%, 62%
XYZ	22.6423, 19.2686, 34.9750
YIQ	124.4420, 2.4720, 21.2880

Conversions

Conversions Part 2

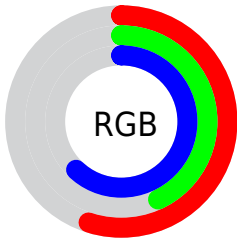
Format	Color
R_{YB}	140, 110, 158
Decimal	9203358
CIE _{Lab}	51.00, 21.16, -21.45
CIE _{LCh}	51, 30.134, 314.606
Yxy	19.2686, 0.2945, 0.2506
Android (android.graphics.Color)	4287393438 (0xFF8C6E9E)
YUV	124.4420, 16.5441, 13.6444
Hunter-Lab	43.8960, 15.2552, -16.5133

Details

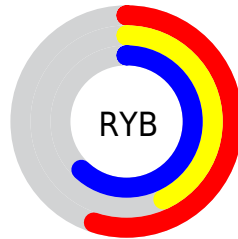
The CIELCh color $51, 30.134, 314.606$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 29.263, 131.952$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 30.154, 314.421$, and $31, 29.792, 314.664$ is the 20% darker color. If you saturate the color by 10%, you get $47, 40.286, 315.046$, and if you desaturate by 10%, it is $56, 20.022, 314.160$.

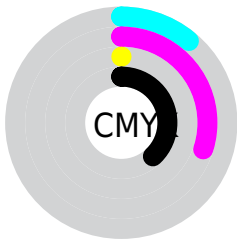
Distribution



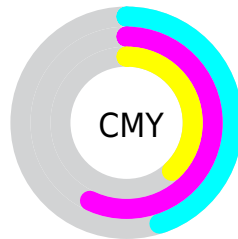
- Red (55%)
- Green (43%)
- Blue (62%)



- Red (55%)
- Yellow (43%)
- Blue (62%)



- Cyan (11%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)





- Cyan (45%)
- Magenta (57%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 30.134, 314.606 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, 30.134, 314.606 by changing the saturation by 10% instead.


 51, 30.134,
314.606


 51, 30.134,
314.606


 100, 30.134,
314.606


 41, 30.134,
314.606


 71, 30.134,
314.606

 31, 30.134,
314.606

 81, 30.134,
314.606

 21, 30.134,
314.606

 91, 30.134,
314.606

 11, 30.134,
314.606

 1, 30.134, 314.606

 0, 30.134, 314.606

■ 51, 30.134,
314.606

■ 51, 30.134,
314.606

■ 47, 40.286,
315.046

■ 56, 20.022,
314.160

■ 42, 50.294,
315.453

■ 60, 10.069,
313.722

■ 38, 59.866,
315.786

■ 65, 0.338, 312.934

■ 34, 68.588,
315.990

■ 70, 9.138, 132.965

■ 31, 75.932,
315.993

■ 75, 18.345,
132.612


■ 29, 81.352,
315.717

■ 79, 27.281,
132.297

■ 27, 84.984,
315.235

■ 84, 35.952,
132.015

■ 89, 44.368,
131.765

 93, 52.540,
131.543

Harmonies

Complementary

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



51, 30.134, 314.606



62, 29.263, 131.952

Rectangle

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



51, 30.134, 314.606



51, 30.134, 4.606



51, 30.134, 134.606



51, 30.134, 184.606

Sweetspot

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



51, 30.132, 314.606



78, 10.870, 313.671



53, 18.026, 271.602



41, 7.626, 313.731



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



51, 30.132, 314.606



62, 44.595, 314.888



53, 30.373, 329.536



31, 5.494, 313.675



24, 78.787, 315.327



1, 7.058, 312.242

Inverse Universe

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



52, 21.955, 354.110



64, 32.507, 354.964



61, 30.332, 145.625



31, 3.974, 351.756



30, 55.207, 12.866



1, 5.063, 352.218

Previews

White Background



This preview shows how the CIELCh color 51, 30.134, 314.606 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, 30.134, 314.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

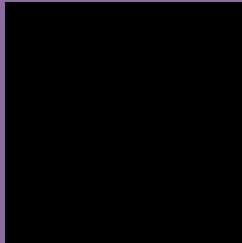
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 30.134, 314.606

Background



This preview shows how black text looks on a background with the CIELCh color 51, 30.134, 314.606.



This preview shows how white text looks on a background with the CIELCh color 51, 30.134, 314.606.

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, 30.134, 314.606

Protanopia

51, 26.957, 285.050

Deuteranopia

51, 21.599, 289.178



Tritanopia
51, 8.952, 344.711

Trichromacy



Original Color
51, 30.134, 314.606

Protanomaly
51, 27.531, 296.442

Deuteranomaly
51, 24.187, 299.880

Tritanomaly
51, 15.945, 324.102

Monochromacy



Original Color
51, 30.134, 314.606

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 10.817, 314.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 30.134, 314.606 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(140, 110, 158)` looks like.

```
.text, #text, p{  
    color:rgb(140, 110, 158)  
}
```

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(140, 110, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 110, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 30.134, 314.606 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(140, 110, 158) }
```

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

```
.border{ border-color:rgb(140, 110, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 110, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 110, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 110, 158);  
box-shadow:4px 4px 4px 4px rgb(140, 110,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 30.134, 314.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 110, 158) }
```

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

```
.background{ background-color: rgb(140,  
110, 158) }
```

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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