

Converting Colors

CIELCh(50, 38.168, 314.104)

Have a look what the booklet for
CIELCh(50, 38.168, 314.104)
contains.

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Color

CIELCh(50, 38.564, 314.017)

Conversions

Conversions Part 1

Format	Color
Hex	8D68A6
RGB	141, 104, 166
RGB Percent	55%, 41%, 65%
CMY	0.4458, 0.5909, 0.3477
CMYK	0.15, 0.37, 0.00, 0.35
HSL	276°, 26%, 53%
HSV	276°, 37%, 65%
XYZ	22.9341, 18.4187, 38.5813
YIQ	122.1310, 2.1500, 27.1260

Conversions

Conversions Part 2

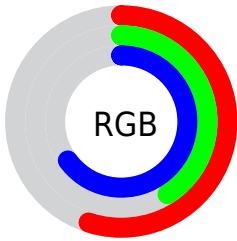
Format	Color
RYB	141, 104, 166
Decimal	9267366
CIELab	50.00, 26.80, -27.73
CIELCh	50, 38.564, 314.017
Yxy	18.4187, 0.2869, 0.2304
Android (android.graphics.Color)	4287457446 (0xFF8D68A6)
YUV	122.1310, 21.6274, 16.5481
Hunter-Lab	42.9170, 20.2826, -23.2584

Details

The CIELCh color `50, 38.564, 314.017` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `64, 37.051, 130.679`, and the grayscale version is `51, 0.007, 296.813`.

A 20% lighter version of the original color is `70, 38.260, 314.283`, and `30, 38.705, 314.201` is the 20% darker color. If you saturate the color by 10%, you get `45, 49.067, 314.457`, and if you desaturate by 10%, it is `55, 28.005, 313.557`.

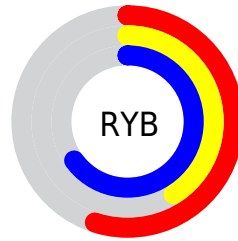
Distribution



Red (55%)

Green (41%)

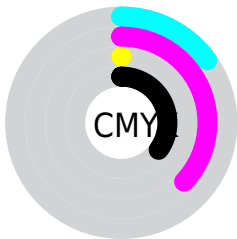
Blue (65%)



Red (55%)

Yellow (41%)

Blue (65%)

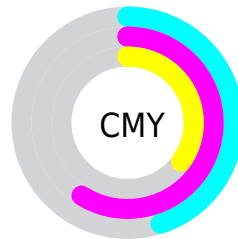


Cyan (15%)

Magenta (37%)

Yellow (0%)

Black (35%)



Cyan (45%)


Magenta (59%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 38.564, 314.017 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 50, 38.564, 314.017 by changing the saturation by 10% instead.


 50, 38.564,
314.017


 50, 38.564,
314.017


 100, 38.564,
314.017


 40, 38.564,
314.017


 70, 38.564,
314.017

 30, 38.564,
314.017


 80, 38.564,
314.017


 20, 38.564,
314.017

 90, 38.564,
314.017

 10, 38.564,
314.017

 0, 38.564, 314.017

 50, 38.564,
314.017

 50, 38.564,
314.017

45, 49.067,
314.457

55, 28.005,
313.557

41, 59.259,
314.841

60, 17.558,
313.102

37, 68.747,
315.115

65, 7.315, 312.659

70, 2.673, 132.322

33, 77.000,
315.206

75, 12.384,
131.915

31, 83.412,
315.030

80, 21.809,
131.575

28, 87.653,
314.541

85, 30.953,
131.273

28, 88.705,
314.408

89, 39.823,
131.005

94, 48.432,
130.768

Harmonies

Complementary

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



50, 38.564, 314.017



64, 37.051, 130.679

Rectangle

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



50, 38.564, 314.017



50, 38.564, 4.017



50, 38.564, 134.017



50, 38.564, 184.017

Sweetspot

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



50, 38.562, 314.017



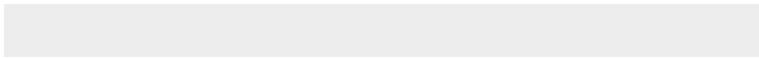
80, 13.759, 312.831



54, 22.205, 270.061



42, 9.333, 312.888



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



50, 38.562, 314.017



60, 57.911, 314.395



53, 39.589, 328.875



33, 5.748, 312.747



24, 81.311, 314.514



1, 10.193, 309.739

Inverse Universe

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



51, 28.604, 353.205



62, 42.793, 354.482



63, 39.614, 143.987



33, 4.257, 349.994



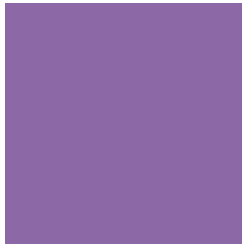
31, 56.385, 10.363



2, 7.401, 352.785

Previews

White Background



This preview shows how the CIELCh color 50, 38.564, 314.017 looks on a white background.

Color Contrast Check

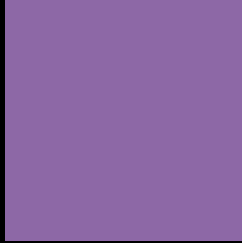
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 50, 38.564, 314.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

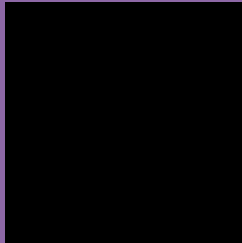
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 38.564, 314.017

Background



This preview shows how black text looks on a background with the CIELCh color 50, 38.564, 314.017.



This preview shows how white text looks on a background with the CIELCh color 50, 38.564, 314.017.

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

50, 38.564, 314.017

Protanopia

50, 35.260, 285.548

Deuteranopia

50, 27.072, 284.458



Tritanopia
50, 10.024, 349.046

Trichromacy



Original Color
50, 38.564, 314.017

Protanomaly
50, 35.784, 295.660

Deuteranomaly
50, 30.570, 297.149

Tritanomaly
50, 19.477, 324.505

Monochromacy



Original Color
50, 38.564, 314.017

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 13.856, 312.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 38.564, 314.017 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(141, 104, 166)` looks like.

```
.text, #text, p{  
    color:rgb(141, 104, 166)  
}
```

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(141, 104, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 104, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 38.564, 314.017 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(141, 104, 166) }
```

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

```
.border{ border-color:rgb(141, 104, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 104, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 104, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 104, 166);  
box-shadow:4px 4px 4px 4px rgb(141, 104,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 38.564, 314.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 104, 166) }
```

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

```
.background{ background-color: rgb(141,  
104, 166) }
```

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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