

Converting Colors

CIELCh(50, 33.066, 315.750)

Have a look what the booklet for
CIELCh(50, 33.066, 315.750)
contains.

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Color

CIELCh(50, 32.879, 315.645)

Conversions

Conversions Part 1

Format	Color
Hex	8C6A9E
RGB	140, 106, 158
RGB Percent	55%, 42%, 62%
CMY	0.4502, 0.5835, 0.3796
CMYK	0.11, 0.33, 0.00, 0.38
HSL	279°, 21%, 52%
HSV	279°, 33%, 62%
XYZ	22.2150, 18.4187, 34.8279
YIQ	122.0940, 3.5720, 23.3800

Conversions

Conversions Part 2

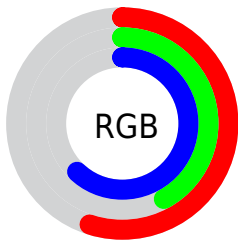
Format	Color
R _Y B	140, 106, 158
Decimal	9202334
CIE Lab	50.00, 23.51, -22.99
CIE LCh	50, 32.879, 315.645
Yxy	18.4187, 0.2944, 0.2441
Android (android.graphics.Color)	4287392414 (0xFF8C6A9E)
YUV	122.0940, 17.7017, 15.7036
Hunter-Lab	42.9170, 17.2919, -18.0730

Details

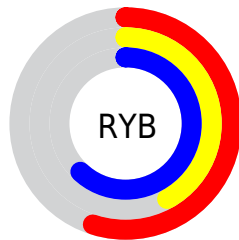
The CIELCh color $50, 32.879, 315.645$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 31.945, 132.750$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 32.757, 315.382$, and $30, 32.686, 315.838$ is the 20% darker color. If you saturate the color by 10%, you get $46, 43.021, 316.066$, and if you desaturate by 10%, it is $55, 22.709, 315.208$.

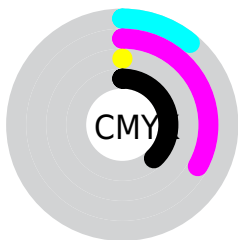
Distribution



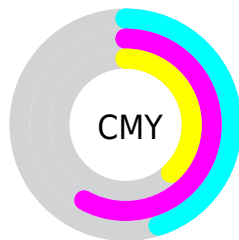
- Red (55%)
- Green (42%)
- Blue (62%)



- Red (55%)
- Yellow (42%)
- Blue (62%)



- Cyan (11%)
- Magenta (33%)
- Yellow (0%)
- Black (38%)





- Cyan (45%)
- Magenta (58%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 32.879, 315.645 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, 32.879, 315.645 by changing the saturation by 10% instead.


 50, 32.879,
315.645


 50, 32.879,
315.645


 100, 32.879,
315.645


 40, 32.879,
315.645


 70, 32.879,
315.645

 30, 32.879,
315.645


 80, 32.879,
315.645


 20, 32.879,
315.645

 90, 32.879,
315.645

 10, 32.879,
315.645

 0, 32.879, 315.645

 50, 32.879,
315.645

 50, 32.879,
315.645

46, 43.021,
316.066

55, 22.709,
315.208

41, 52.919,
316.441

59, 12.654,
314.773

38, 62.242,
316.727

64, 2.797, 314.321

69, 6.817, 134.006

34, 70.542,
316.867

73, 16.168,
133.637

31, 77.288,
316.792

78, 25.248,
133.309

29, 81.991,
316.430

83, 34.061,
133.014

28, 84.495,
316.071

87, 42.615,
132.749

92, 50.920,
132.514

Harmonies

Complementary

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



50, 32.879, 315.645



62, 31.945, 132.750

Rectangle

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



50, 32.879, 315.645



50, 32.879, 5.645



50, 32.879, 135.645



50, 32.879, 185.645

Sweetspot

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



50, 32.877, 315.645



77, 12.177, 314.657



52, 20.364, 274.881



40, 8.386, 314.714



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



50, 32.877, 315.645



61, 48.599, 315.938



52, 32.124, 330.809



31, 5.532, 314.616



25, 78.344, 316.160



1, 7.106, 313.151

Inverse Universe

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



51, 23.529, 356.381



62, 34.847, 357.383



61, 32.058, 146.416



31, 3.910, 353.632



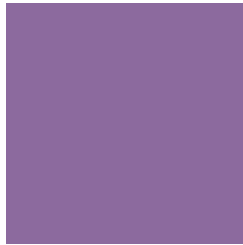
30, 55.618, 15.582



1, 4.982, 354.028

Previews

White Background



This preview shows how the CIELCh color 50, 32.879, 315.645 looks on a white background.

Color Contrast Check

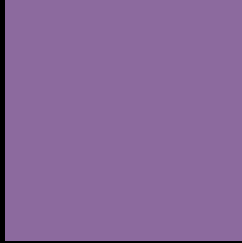
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 50, 32.879, 315.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

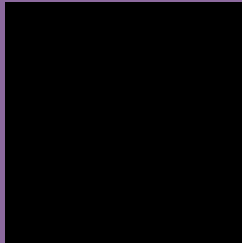
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 32.879, 315.645

Background



This preview shows how black text looks on a background with the CIELCh color 50, 32.879, 315.645.



This preview shows how white text looks on a background with the CIELCh color 50, 32.879, 315.645.

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, 32.879, 315.645

Protanopia

50, 29.394, 285.615

Deuteranopia

50, 22.860, 287.876



Tritanopia
50, 10.375, 350.301

Trichromacy



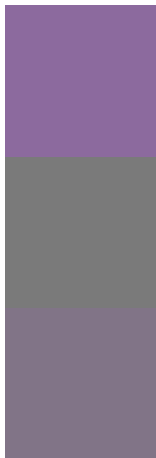
Original Color
50, 32.879, 315.645

Protanomaly
50, 29.973, 296.512

Deuteranomaly
50, 26.067, 300.384

Tritanomaly
50, 17.363, 327.620

Monochromacy



Original Color
50, 32.879, 315.645

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 12.254, 315.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 32.879, 315.645 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, 106, 158)` looks like.

```
.text, #text, p{  
    color:rgb(140, 106, 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, 106, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 106, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 32.879, 315.645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

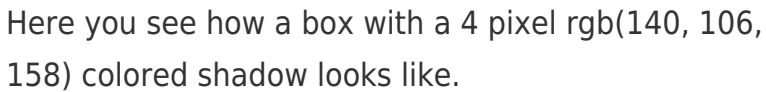
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 106, 158) }
```

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

```
.border{ border-color:rgb(140, 106, 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, 106, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 106, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 106, 158);  
box-shadow:4px 4px 4px 4px rgb(140, 106,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 32.879, 315.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 106, 158) }
```

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

```
.background{ background-color: rgb(140,  
106, 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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