

Converting Colors

CIELCh(48, 34.587, 319.495)

Have a look what the booklet for
CIELCh(48, 34.587, 319.495)
contains.

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Color

CIELCh(48, 34.587, 319.495)

Conversions

Conversions Part 1

Format	Color
Hex	8C6398
RGB	140, 99, 152
RGB Percent	55%, 39%, 60%
CMY	0.4506, 0.6114, 0.4035
CMYK	0.08, 0.35, 0.00, 0.40
HSL	286°, 21%, 49%
HSV	286°, 35%, 60%
XYZ	20.9769, 16.7945, 31.8829
YIQ	117.3010, 7.4230, 25.1750

Conversions

Conversions Part 2

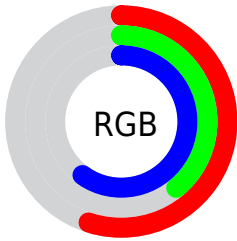
Format	Color
R_{YB}	140, 99, 152
Decimal	9200536
CIE _{Lab}	48.00, 26.30, -22.46
CIE _{LCh}	48, 34.587, 319.495
Yxy	16.7945, 0.3012, 0.2411
Android (android.graphics.Color)	4287390616 (0xFF8C6398)
YUV	117.3010, 17.1066, 19.9070
Hunter-Lab	40.9810, 19.6515, -17.4404

Details

The CIELCh color $48, 34.587, 319.495$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 33.979, 136.234$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 34.586, 319.573$, and $28, 34.891, 319.557$ is the 20% darker color. If you saturate the color by 10%, you get $44, 44.400, 319.886$, and if you desaturate by 10%, it is $52, 24.589, 319.071$.

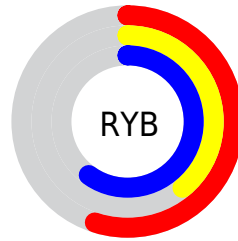
Distribution



Red (55%)

Green (39%)

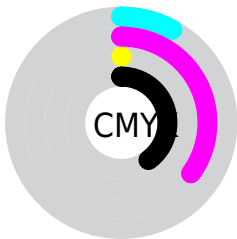
Blue (60%)



Red (55%)

Yellow (39%)

Blue (60%)

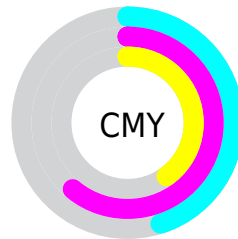


Cyan (8%)

Magenta (35%)

Yellow (0%)

Black (40%)



Cyan (45%)

Magenta (61%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 34.587, 319.495 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 48, 34.587, 319.495 by changing the saturation by 10% instead.

 48, 34.587,
319.495

 48, 34.587,
319.495

 100, 34.587,
319.495

 38, 34.587,
319.495

 68, 34.587,
319.495


 28, 34.587,
319.495

 78, 34.587,
319.495

 18, 34.587,
319.495

 88, 34.587,
319.495

 8, 34.587, 319.495

 98, 34.587,
319.495

 0, 34.587, 319.495

 48, 34.587,

 48, 34.587,

319.495

44, 44.400,
319.886

40, 53.763,
320.216

37, 62.313,
320.448

34, 69.612,
320.536

32, 75.217,
320.434

30, 78.837,
320.105

30, 80.362,
319.905

319.495

52, 24.589,
319.071

56, 14.595,
318.635

61, 4.725, 318.185

65, 4.947, 137.841

70, 14.382,
137.429

74, 23.558,
137.059

79, 32.469,
136.719

83, 41.119,
136.408

■ 87, 49.515,
136.124

Harmonies

Complementary

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



48, 34.587, 319.495



59, 33.979, 136.234

Rectangle

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



48, 34.587, 319.495



48, 34.587, 9.495



48, 34.587, 139.495



48, 34.587, 189.495

Sweetspot

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



48, 34.585, 319.495



75, 12.183, 318.430



47, 24.219, 283.424



38, 8.300, 318.487



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



48, 34.585, 319.495



58, 51.794, 319.812



49, 30.409, 335.362



30, 5.555, 318.387



27, 75.725, 319.959



1, 5.934, 317.618

Inverse Universe

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



48, 23.271, 5.225



58, 35.292, 6.553



58, 30.157, 150.192



30, 3.592, 2.040



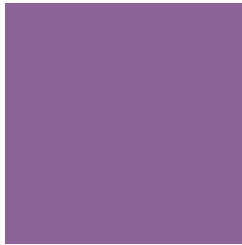
29, 57.957, 26.026



1, 3.794, 1.539

Previews

White Background



This preview shows how the CIELCh color 48, 34.587, 319.495 looks on a white background.

Color Contrast Check

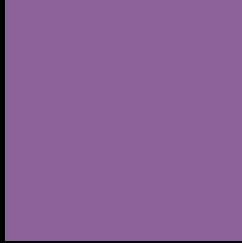
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 34.587, 319.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

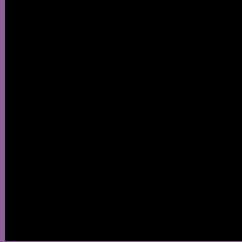
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 34.587, 319.495

Background



This preview shows how black text looks on a background with the CIELCh color 48, 34.587, 319.495.



This preview shows how white text looks on a background with the CIELCh color 48, 34.587, 319.495.

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


48, 34.587, 319.495

Protanopia

48, 29.067, 284.309

Deuteranopia

48, 22.450, 287.789



Tritanopia
48, 12.490, 358.992

Trichromacy



Original Color
48, 34.587, 319.495

Protanomaly
48, 29.635, 297.278

Deuteranomaly
48, 26.396, 302.021

Tritanomaly
48, 19.251, 334.799

Monochromacy



Original Color
48, 34.587, 319.495

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 13.220, 317.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 34.587, 319.495 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, 99, 152)` looks like.

```
.text, #text, p{  
    color:rgb(140, 99, 152)  
}
```

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, 99, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 99, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 34.587, 319.495 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, 99, 152) }
```

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

```
.border{ border-color:rgb(140, 99, 152) }
```

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

Here you see how a box with a 4 pixel rgb(140, 99, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 99, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 99, 152);  
box-shadow:4px 4px 4px 4px rgb(140, 99,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 34.587, 319.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 99, 152) }
```

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

```
.background{ background-color: rgb(140, 99,  
152) }
```

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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