

Converting Colors

CIELCh(58, 39.344, 332.096)

Have a look what the booklet for
CIELCh(58, 39.344, 332.096)
contains.

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Color

CIELCh(58, 39.344, 332.096)

Conversions

Conversions Part 1

Format	Color
Hex	B875AC
RGB	184, 117, 172
RGB Percent	72%, 46%, 67%
CMY	0.2777, 0.5405, 0.3248
CMYK	0.00, 0.36, 0.07, 0.28
HSL	311°, 32%, 59%
HSV	311°, 36%, 72%
XYZ	33.6560, 25.9610, 42.3564
YIQ	143.3030, 22.2770, 31.3090

Conversions

Conversions Part 2

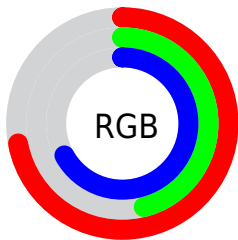
Format	Color
RYB	184, 117, 172
Decimal	12088748
CIELab	58.00, 34.77, -18.41
CIELCh	58, 39.344, 332.096
Yxy	25.9610, 0.3300, 0.2546
Android (android.graphics.Color)	4290278828 (0xFFB875AC)
YUV	143.3030, 14.1476, 35.6913
Hunter-Lab	50.9519, 28.7414, -13.6214

Details

The CIELCh color **58, 39.344, 332.096** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 39.240, 146.964**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 39.288, 332.328**, and **38, 39.422, 332.048** is the 20% darker color. If you saturate the color by 10%, you get **54, 49.523, 332.766**, and if you desaturate by 10%, it is **62, 28.654, 331.440**.

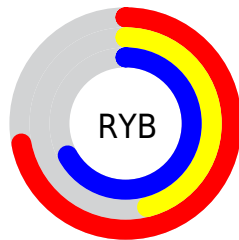
Distribution



Red (72%)

Green (46%)

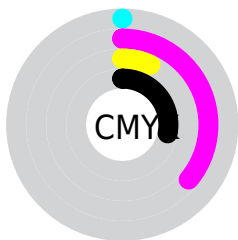
Blue (67%)



Red (72%)

Yellow (46%)

Blue (67%)

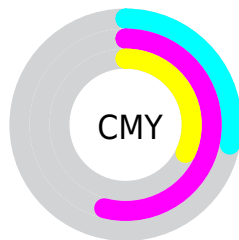


Cyan (0%)

Magenta (36%)

Yellow (7%)

Black (28%)



Cyan (28%)


Magenta (54%)


Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 39.344, 332.096 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 58, 39.344, 332.096 by changing the saturation by 10% instead.


 58, 39.344,
332.096


 58, 39.344,
332.096


 100, 39.344,
332.096

 48, 39.344,
332.096


 78, 39.344,
332.096

 38, 39.344,
332.096

 88, 39.344,
332.096

 28, 39.344,
332.096

 98, 39.344,
332.096

 18, 39.344,
332.096

 8, 39.344, 332.096

 0, 39.344, 332.096

58, 39.344,
332.096

58, 39.344,
332.096

54, 49.523,
332.766

62, 28.654,
331.440

50, 58.802,
333.452

67, 17.762,
330.797

47, 66.715,
334.158

72, 6.880, 330.154

45, 72.796,
334.898

77, 3.851, 149.675

43, 76.698,
335.696

82, 14.345,
149.051


42, 78.372,
336.581

87, 24.556,
148.498

42, 78.726,
336.913

92, 34.461,
147.978

94, 38.449,
148.540

 94, 37.139,
150.171

Harmonies

Complementary

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



58, 39.344, 332.096



69, 39.240, 146.964

Rectangle

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



58, 39.344, 332.096



58, 39.344, 22.096



58, 39.344, 152.096



58, 39.344, 202.096

Sweetspot

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



58, 39.342, 332.096



88, 14.734, 330.466



53, 39.101, 300.055



46, 9.902, 330.551



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



58, 39.342, 332.096



70, 58.355, 332.655



57, 29.418, 357.821



36, 6.103, 330.348



35, 69.609, 336.779



3, 15.698, 332.833

Inverse Universe

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



58, 39.342, 332.096



70, 58.355, 332.655



70, 26.765, 170.025



36, 6.103, 330.348



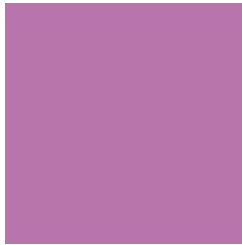
35, 69.609, 336.779



3, 15.698, 332.833

Previews

White Background



This preview shows how the CIELCh color 58, 39.344, 332.096 looks on a white background.

Color Contrast Check

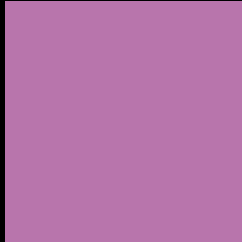
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 39.344, 332.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

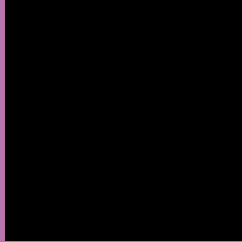
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 39.344, 332.096

Background



This preview shows how black text looks on a background with the CIELCh color 58, 39.344, 332.096.



This preview shows how white text looks on a background with the CIELCh color 58, 39.344, 332.096.

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

58, 39.344, 332.096

Protanopia

58, 27.991, 285.255

Deuteranopia

58, 18.240, 294.490



Tritanopia
58, 22.562, 9.093

Trichromacy



Original Color
58, 39.344, 332.096

Protanomaly
58, 30.355, 304.617

Deuteranomaly
58, 24.634, 314.306

Tritanomaly
58, 27.262, 350.235

Monochromacy



Original Color
58, 39.344, 332.096

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 14.654, 330.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 39.344, 332.096 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(184, 117, 172)` looks like.

```
.text, #text, p{  
    color:rgb(184, 117, 172)  
}
```

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(184, 117, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 117, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 39.344, 332.096 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(184, 117, 172) }
```

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

```
.border{ border-color:rgb(184, 117, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 117, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 117, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 117, 172);  
box-shadow:4px 4px 4px 4px rgb(184, 117,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 39.344, 332.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 117, 172) }
```

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

```
.background{ background-color: rgb(184,  
117, 172) }
```

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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