

Converting Colors

CIELCh(58, 36.276, 336.023)

Have a look what the booklet for
CIELCh(58, 36.276, 336.023)
contains.

CIELCh(58, 36.374, 335.735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 36.374, 335.735)

Conversions

Conversions Part 1

Format	Color
Hex	B876A6
RGB	184, 118, 166
RGB Percent	72%, 46%, 65%
CMY	0.2778, 0.5367, 0.3484
CMYK	0.00, 0.36, 0.10, 0.28
HSL	316°, 32%, 59%
HSV	316°, 36%, 72%
XYZ	33.1988, 25.9610, 39.4120
YIQ	143.2060, 23.9280, 28.9200

Conversions

Conversions Part 2

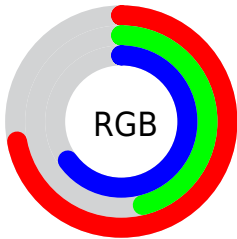
Format	Color
RYB	184, 118, 166
Decimal	12088998
CIELab	58.00, 33.16, -14.95
CIELCh	58, 36.374, 335.735
Yxy	25.9610, 0.3368, 0.2634
Android (android.graphics.Color)	4290279078 (0xFFB876A6)
YUV	143.2060, 11.2374, 35.7763
Hunter-Lab	50.9519, 27.1397, -10.1953

Details

The CIELCh color **58, 36.374, 335.735** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 36.053, 150.261**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 36.446, 335.789**, and **38, 36.338, 335.949** is the 20% darker color. If you saturate the color by 10%, you get **54, 46.005, 336.548**, and if you desaturate by 10%, it is **62, 26.300, 334.973**.

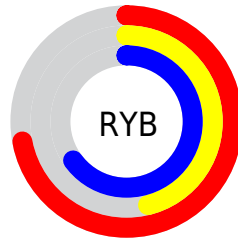
Distribution



Red (72%)

Green (46%)

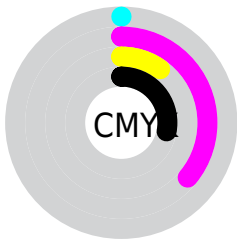
Blue (65%)



Red (72%)

Yellow (46%)

Blue (65%)

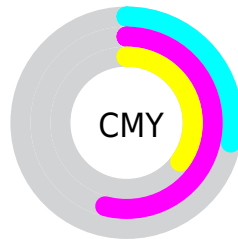


Cyan (0%)

Magenta (36%)

Yellow (10%)

Black (28%)



Cyan (28%)


Magenta (54%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 36.374, 335.735 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, 36.374, 335.735 by changing the saturation by 10% instead.

 58, 36.374,
335.735


 58, 36.374,
335.735


 100, 36.374,
335.735

 48, 36.374,
335.735


 78, 36.374,
335.735

 38, 36.374,
335.735

 88, 36.374,
335.735

 28, 36.374,
335.735

 98, 36.374,
335.735

 18, 36.374,
335.735

 8, 36.374, 335.735

 0, 36.374, 335.735

58, 36.374,
335.735

58, 36.374,
335.735

54, 46.005,
336.548

62, 26.300,
334.973

50, 54.821,
337.424

67, 16.074,
334.249

47, 62.364,
338.388

72, 5.888, 333.538

44, 68.161,
339.478

77, 4.133, 153.024

43, 71.839,
340.745

82, 13.915,
152.364


41, 73.302,
342.251

87, 23.421,
151.781

41, 73.593,
342.921

92, 32.636,
151.236

94, 35.411,
152.563

 95, 33.523,
155.520

Harmonies

Complementary

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



58, 36.374, 335.735



69, 36.053, 150.261

Rectangle

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



58, 36.374, 335.735



58, 36.374, 25.735



58, 36.374, 155.735



58, 36.374, 205.735

Sweetspot

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



58, 36.372, 335.736



88, 13.786, 333.920



54, 38.705, 303.216



46, 9.266, 334.015



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, 36.372, 335.736



70, 53.628, 336.370



57, 28.086, 4.947



36, 5.710, 333.790



34, 65.117, 342.676



3, 14.396, 337.812

Inverse Universe

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



58, 36.372, 335.736



70, 53.628, 336.370



70, 24.548, 177.273



36, 5.710, 333.790



34, 65.117, 342.676



3, 14.396, 337.812

Previews

White Background



This preview shows how the CIELCh color 58, 36.374, 335.735 looks on a white background.

Color Contrast Check

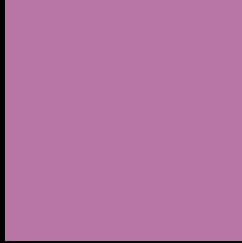
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.374, 335.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

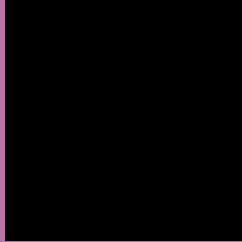
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 36.374, 335.735

Background



This preview shows how black text looks on a background with the CIELCh color 58, 36.374, 335.735.



This preview shows how white text looks on a background with the CIELCh color 58, 36.374, 335.735.

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, 36.374, 335.735

Protanopia

58, 23.980, 285.613

Deuteranopia

58, 15.576, 300.016



Tritanopia
58, 23.467, 8.326

Trichromacy



Original Color
58, 36.374, 335.735

Protanomaly
58, 25.998, 307.177

Deuteranomaly
58, 21.880, 319.529

Tritanomaly
58, 27.125, 352.857

Monochromacy



Original Color
58, 36.374, 335.735

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 13.416, 334.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 36.374, 335.735 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, 118, 166)` looks like.

```
.text, #text, p{  
    color:rgb(184, 118, 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(184, 118, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 118, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 36.374, 335.735 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, 118, 166) }
```

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

```
.border{ border-color:rgb(184, 118, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 118, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 118, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 118, 166);  
box-shadow:4px 4px 4px 4px rgb(184, 118,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 36.374, 335.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 118, 166) }
```

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

```
.background{ background-color: rgb(184,  
118, 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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