

Converting Colors

CIELCh(59, 33.264, 333.176)

Have a look what the booklet for
CIELCh(59, 33.264, 333.176)
contains.

CIELCh(59, 32.957, 332.928)	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(59, 32.957, 332.928)

Conversions

Conversions Part 1

Format	Color
Hex	B57CA9
RGB	181, 124, 169
RGB Percent	71%, 49%, 66%
CMY	0.2910, 0.5144, 0.3380
CMYK	0.00, 0.32, 0.07, 0.29
HSL	313°, 28%, 60%
HSV	313°, 32%, 71%
XYZ	33.3393, 27.0277, 40.9029
YIQ	146.1730, 19.5270, 26.0790

Conversions

Conversions Part 2

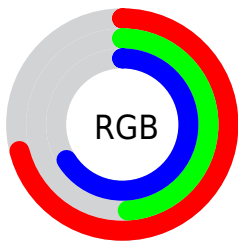
Format	Color
RYB	181, 124, 169
Decimal	11893929
CIELab	59.00, 29.35, -15.00
CIELCh	59, 32.957, 332.928
Yxy	27.0277, 0.3292, 0.2669
Android (android.graphics.Color)	4290084009 (0xFFB57CA9)
YUV	146.1730, 11.2537, 30.5433
Hunter-Lab	51.9882, 23.4901, -10.2560

Details

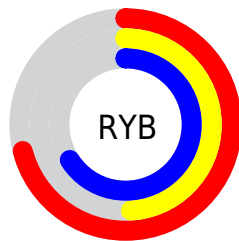
The CIELCh color $59, 32.957, 332.928$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 32.798, 148.490$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 33.107, 333.275$, and $39, 32.961, 332.722$ is the 20% darker color. If you saturate the color by 10%, you get $55, 43.065, 333.630$, and if you desaturate by 10%, it is $63, 22.517, 332.251$.

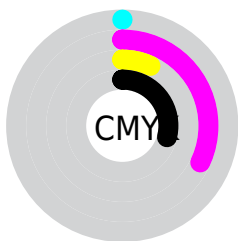
Distribution



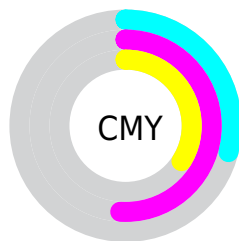
- Red (71%)
- Green (49%)
- Blue (66%)



- Red (71%)
- Yellow (49%)
- Blue (66%)



- Cyan (0%)
- Magenta (32%)
- Yellow (7%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 32.957, 332.928 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 59, 32.957, 332.928 by changing the saturation by 10% instead.


 59, 32.957,
332.928


 59, 32.957,
332.928


 100, 32.957,
332.928


 49, 32.957,
332.928


 79, 32.957,
332.928

 39, 32.957,
332.928

 89, 32.957,
332.928

 29, 32.957,
332.928

 99, 32.957,
332.928

 19, 32.957,
332.928

 9, 32.957, 332.928

 0, 32.957, 332.928

59, 32.957,
332.928

59, 32.957,
332.928

55, 43.065,
333.630

63, 22.517,
332.251

51, 52.509,
334.358

68, 12.000,
331.591

48, 60.859,
335.122

73, 1.574, 330.808

45, 67.647,
335.937

78, 8.657, 150.430

43, 72.453,
336.829

83, 18.631,
149.844


42, 75.041,
337.836

88, 28.318,
149.300

41, 75.875,
338.783

93, 37.708,
148.787

94, 38.931,
150.001

 94, 37.446,
151.918

Harmonies

Complementary

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



59, 32.957, 332.928



69, 32.798, 148.490

Rectangle

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



59, 32.957, 332.928



59, 32.957, 22.928



59, 32.957, 152.928



59, 32.957, 202.928

Sweetspot

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



59, 32.955, 332.928



88, 11.572, 331.435



55, 33.116, 300.605



46, 8.042, 331.529



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



59, 32.955, 332.928



72, 48.866, 333.425



58, 24.666, 359.443



35, 5.832, 331.445



34, 67.214, 338.614



2, 13.197, 334.103

Inverse Universe

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



59, 32.955, 332.928



72, 48.866, 333.425



69, 22.487, 172.870



35, 5.832, 331.445



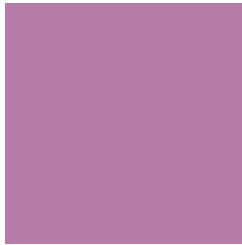
34, 67.214, 338.614



2, 13.197, 334.103

Previews

White Background



This preview shows how the CIELCh color 59, 32.957, 332.928 looks on a white background.

Color Contrast Check

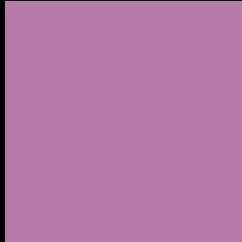
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 32.957, 332.928 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 59, 32.957, 332.928

Background



This preview shows how black text looks on a background with the CIELCh color 59, 32.957, 332.928.



This preview shows how white text looks on a background with the CIELCh color 59, 32.957, 332.928.

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
59, 32.957, 332.928

Protanopia
59, 22.775, 285.011

Deuteranopia
59, 15.516, 299.994



Tritanopia
59, 20.124, 5.513

Trichromacy



Original Color
59, 32.957, 332.928

Protanomaly
59, 24.537, 305.307

Deuteranomaly
59, 21.483, 317.692

Tritanomaly
59, 23.725, 349.130

Monochromacy



Original Color
59, 32.957, 332.928

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 12.165, 332.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 32.957, 332.928 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(181, 124, 169)` looks like.

```
.text, #text, p{  
    color:rgb(181, 124, 169)  
}
```

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(181, 124, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 124, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 32.957, 332.928 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(181, 124, 169) }
```

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

```
.border{ border-color:rgb(181, 124, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 124, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 124, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 124, 169);  
box-shadow:4px 4px 4px 4px rgb(181, 124,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 32.957, 332.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 124, 169) }
```

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

```
.background{ background-color: rgb(181,  
124, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor