

Converting Colors

CIELCh(59, 32.261, 313.364)

Have a look what the booklet for
CIELCh(59, 32.261, 313.364)
contains.

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Color

CIELCh(59, 32.112, 313.254)

Conversions

Conversions Part 1

Format	Color
Hex	A182B7
RGB	161, 130, 183
RGB Percent	63%, 51%, 72%
CMY	0.3680, 0.4896, 0.2817
CMYK	0.12, 0.29, 0.00, 0.28
HSL	275°, 27%, 61%
HSV	275°, 29%, 72%
XYZ	31.2999, 27.0277, 48.4588
YIQ	145.3110, 1.4630, 23.0550

Conversions

Conversions Part 2

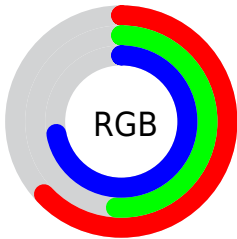
Format	Color
RYB	161, 130, 183
Decimal	10584759
CIELab	59.00, 22.00, -23.39
CIELCh	59, 32.112, 313.254
Yxy	27.0277, 0.2931, 0.2531
Android (android.graphics.Color)	4288774839 (0xFFA182B7)
YUV	145.3110, 18.5807, 13.7593
Hunter-Lab	51.9882, 16.4879, -18.8731

Details

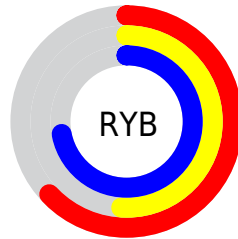
The CIELCh color **59, 32.112, 313.254** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71, 31.101, 130.680**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.139, 313.157**, and **39, 32.440, 313.491** is the 20% darker color. If you saturate the color by 10%, you get **54, 43.529, 313.723**, and if you desaturate by 10%, it is **64, 20.796, 312.788**.

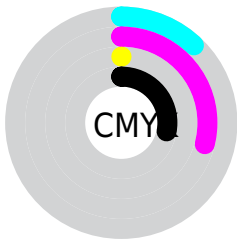
Distribution



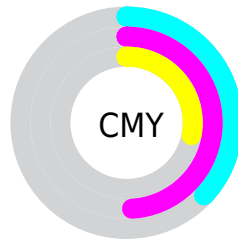
- Red (63%)
- Green (51%)
- Blue (72%)



- Red (63%)
- Yellow (51%)
- Blue (72%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (28%)





- Cyan (37%)
- Magenta (49%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 32.112, 313.254 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, 32.112, 313.254 by changing the saturation by 10% instead.


 59, 32.112,
313.254


 59, 32.112,
313.254


 100, 32.112,
313.254


 49, 32.112,
313.254


 79, 32.112,
313.254


 39, 32.112,
313.254


 89, 32.112,
313.254

 29, 32.112,
313.254

 99, 32.112,
313.254

 19, 32.112,
313.254

 9, 32.112, 313.254

 0, 32.112, 313.254

59, 32.112,
313.254

59, 32.112,
313.254

54, 43.529,
313.723

64, 20.796,
312.788

49, 54.861,
314.168

70, 9.698, 312.337

44, 65.799,
314.548

75, 1.126, 132.059

40, 75.885,
314.804

80, 11.647,
131.571

36, 84.505,
314.857

86, 21.856,
131.223

33, 90.986,
314.617

91, 31.757,
130.915


31, 95.152,
314.064

96, 39.398,
130.029

31, 95.568,

96, 38.345,
126.286

314.007

 97, 37.466,
122.277

Harmonies

Complementary

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



59, 32.112, 313.254



71, 31.101, 130.680

Rectangle

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



59, 32.112, 313.254



59, 32.112, 3.254



59, 32.112, 133.254



59, 32.112, 183.254

Sweetspot

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



59, 32.110, 313.254



88, 12.048, 312.346



62, 18.622, 268.387



46, 8.455, 312.411



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



59, 32.110, 313.254



71, 48.163, 313.566



61, 33.404, 328.415



36, 6.161, 312.355



26, 84.609, 314.146



2, 16.205, 307.871

Inverse Universe

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



60, 24.055, 351.387



73, 36.019, 352.235



70, 33.377, 144.739



36, 4.609, 349.273



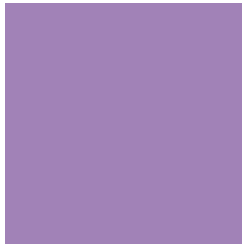
33, 58.444, 9.462



2, 11.698, 355.583

Previews

White Background



This preview shows how the CIELCh color 59, 32.112, 313.254 looks on a white background.

Color Contrast Check

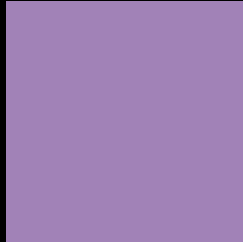
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 32.112, 313.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

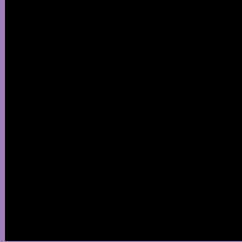
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 32.112, 313.254

Background



This preview shows how black text looks on a background with the CIELCh color 59, 32.112, 313.254.



This preview shows how white text looks on a background with the CIELCh color 59, 32.112, 313.254.

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, 32.112, 313.254

Protanopia

59, 29.033, 285.678

Deuteranopia

59, 23.258, 288.574



Tritanopia
59, 9.699, 340.527

Trichromacy



Original Color
59, 32.112, 313.254

Protanomaly
59, 29.605, 296.057

Deuteranomaly
59, 26.380, 299.846

Tritanomaly
59, 17.160, 322.025

Monochromacy



Original Color
59, 32.112, 313.254

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 11.577, 312.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 32.112, 313.254 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(161, 130, 183)` looks like.

```
.text, #text, p{  
    color:rgb(161, 130, 183)  
}
```

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(161, 130, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 130, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 32.112, 313.254 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(161, 130, 183) }
```

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

```
.border{ border-color:rgb(161, 130, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 130, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 130, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 130, 183);  
box-shadow:4px 4px 4px 4px rgb(161, 130,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 32.112, 313.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 130, 183) }
```

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

```
.background{ background-color: rgb(161,  
130, 183) }
```

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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