

Converting Colors

CIELCh(59, 32.986, 320.490)

Have a look what the booklet for
CIELCh(59, 32.986, 320.490)
contains.

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Color

CIELCh(59, 33.154, 320.318)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A97FB3 |
| RGB | 169, 127, 179 |
| RGB Percent | 66%, 50%, 70% |
| CMY | 0.3357, 0.5005, 0.2965 |
| CMYK | 0.06, 0.29, 0.00, 0.30 |
| HSL | 288°, 26%, 60% |
| HSV | 288°, 29%, 70% |
| XYZ | 32.2645, 27.0277, 46.3774 |
| YIQ | 145.4860, 8.3400, 25.0760 |

Conversions

Conversions Part 2

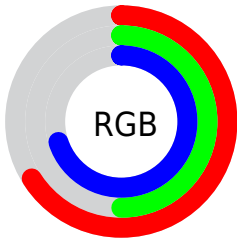
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 169, 127, 179 |
| Decimal | 11108275 |
| CIE _{Lab} | 59.00, 25.52, -21.17 |
| CIE _{LCh} | 59, 33.154, 320.318 |
| Yxy | 27.0277, 0.3053, 0.2558 |
| Android (android.graphics.Color) | 4289298355 (0xFFA97FB3) |
| YUV | 145.4860, 16.5224, 20.6218 |
| Hunter-Lab | 51.9882, 19.7998, -16.4994 |

Details

The CIELCh color **59, 33.154, 320.318** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 32.742, 137.529**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 33.355, 320.406**, and **39, 33.228, 320.323** is the 20% darker color. If you saturate the color by 10%, you get **54, 44.561, 320.739**, and if you desaturate by 10%, it is **64, 21.624, 319.873**.

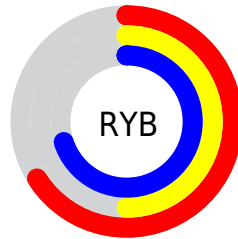
Distribution



Red (66%)

Green (50%)

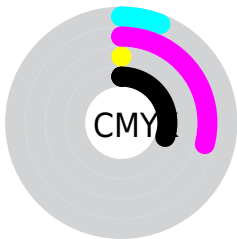
Blue (70%)



Red (66%)

Yellow (50%)

Blue (70%)

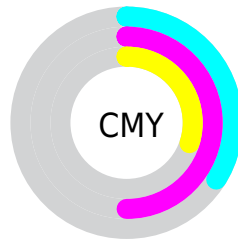


Cyan (6%)

Magenta (29%)

Yellow (0%)

Black (30%)



Cyan (34%)


Magenta (50%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 33.154, 320.318 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, 33.154, 320.318 by changing the saturation by 10% instead.


 59, 33.154,
320.318


 59, 33.154,
320.318


 100, 33.154,
320.318


 49, 33.154,
320.318


 79, 33.154,
320.318

 39, 33.154,
320.318

 89, 33.154,
320.318

 29, 33.154,
320.318

 99, 33.154,
320.318

 19, 33.154,
320.318

 9, 33.154, 320.318

 0, 33.154, 320.318

59, 33.154,
320.318

59, 33.154,
320.318

54, 44.561,
320.739

64, 21.624,
319.873

50, 55.578,
321.113

69, 10.163,
319.418

46, 65.825,
321.408

74, 1.114, 139.176

43, 74.827,
321.585

79, 12.137,
138.600

40, 82.070,
321.600

84, 22.869,
138.198

38, 87.119,
321.414

89, 33.293,
137.827


37, 90.073,
321.032

94, 43.407,
137.485

37, 90.344,

95, 43.977,
136.302

320.992

 95, 43.366,
134.960

Harmonies

Complementary

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



59, 33.154, 320.318



69, 32.742, 137.529

Rectangle

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



59, 33.154, 320.318



59, 33.154, 10.318



59, 33.154, 140.318



59, 33.154, 190.318

Sweetspot

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



59, 33.152, 320.318



87, 12.536, 319.425



58, 23.822, 284.414



46, 8.792, 319.492



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, 33.152, 320.318



71, 49.343, 320.599



60, 28.346, 336.349



35, 6.374, 319.433



31, 80.309, 321.076



2, 14.971, 316.603

Inverse Universe

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



59, 21.764, 6.988



71, 32.821, 7.976



69, 28.052, 151.989



35, 4.033, 4.632



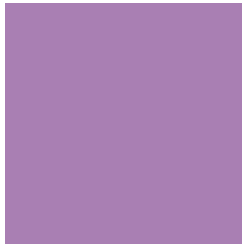
31, 63.307, 29.159



2, 9.393, 7.257

Previews

White Background



This preview shows how the CIELCh color 59, 33.154, 320.318 looks on a white background.

Color Contrast Check

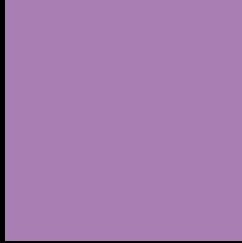
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.154, 320.318 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, 33.154, 320.318

Background



This preview shows how black text looks on a background with the CIELCh color 59, 33.154, 320.318.



This preview shows how white text looks on a background with the CIELCh color 59, 33.154, 320.318.

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, 33.154, 320.318

Protanopia

59, 27.888, 285.844

Deuteranopia

59, 21.559, 291.677



Tritanopia
59, 13.377, 353.239

Trichromacy



Original Color
59, 33.154, 320.318

Protanomaly
59, 29.214, 299.403

Deuteranomaly
59, 25.016, 304.248

Tritanomaly
59, 19.643, 333.100

Monochromacy



Original Color
59, 33.154, 320.318

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 12.398, 320.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 33.154, 320.318 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(169, 127, 179)` looks like.

```
.text, #text, p{  
    color:rgb(169, 127, 179)  
}
```

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(169, 127, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 127, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 33.154, 320.318 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(169, 127, 179) }
```

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

```
.border{ border-color:rgb(169, 127, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 127, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 127, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 127, 179);  
box-shadow:4px 4px 4px 4px rgb(169, 127,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 33.154, 320.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 127, 179) }
```

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

```
.background{ background-color: rgb(169,  
127, 179) }
```

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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