

Converting Colors

CIELCh(59, 20.037, 337.862)

Have a look what the booklet for
CIELCh(59, 20.037, 337.862)
contains.

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Color

CIELCh(59, 20.324, 337.671)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A9839C |
| RGB | 169, 131, 156 |
| RGB Percent | 66%, 51%, 61% |
| CMY | 0.3376, 0.4866, 0.3886 |
| CMYK | 0.00, 0.22, 0.08, 0.34 |
| HSL | 321°, 18%, 59% |
| HSV | 321°, 22%, 66% |
| XYZ | 30.4366, 27.0277, 35.0216 |
| YIQ | 145.2120, 14.6230, 15.8310 |

Conversions

Conversions Part 2

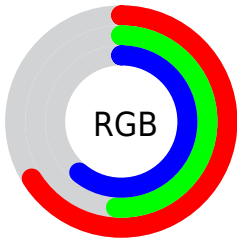
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 169, 131, 156 |
| Decimal | 11109276 |
| CIE _{Lab} | 59.00, 18.80, -7.72 |
| CIE _{LCh} | 59, 20.324, 337.671 |
| Yxy | 27.0277, 0.3291, 0.2922 |
| Android (android.graphics.Color) | 4289299356 (0xFFA9839C) |
| YUV | 145.2120, 5.3185, 20.8621 |
| Hunter-Lab | 51.9882, 13.5237, -3.5486 |

Details

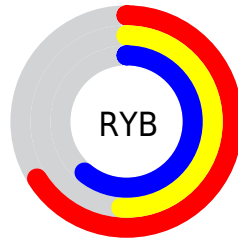
The CIELCh color $59, 20.324, 337.671$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $66, 20.088, 154.301$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 20.413, 338.435$, and $39, 20.449, 336.971$ is the 20% darker color. If you saturate the color by 10%, you get $55, 29.373, 338.501$, and if you desaturate by 10%, it is $63, 11.224, 336.896$.

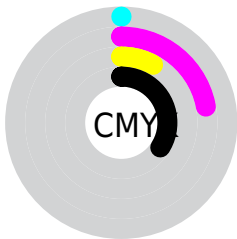
Distribution



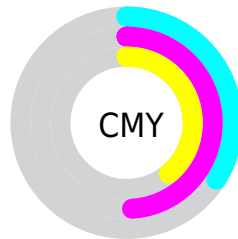
- Red (66%)
- Green (51%)
- Blue (61%)



- Red (66%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (34%)





- Cyan (34%)
- Magenta (49%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 20.324, 337.671 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, 20.324, 337.671 by changing the saturation by 10% instead.


 59, 20.324,
337.671


 59, 20.324,
337.671


 100, 20.324,
337.671


 49, 20.324,
337.671


 79, 20.324,
337.671

 39, 20.324,
337.671

 89, 20.324,
337.671

 29, 20.324,
337.671

 99, 20.324,
337.671

 19, 20.324,
337.671

 9, 20.324, 337.671

 0, 20.324, 337.671

59, 20.324,
337.671

59, 20.324,
337.671

55, 29.373,
338.501

63, 11.224,
336.896

51, 38.158,
339.402

68, 2.224, 336.073

73, 6.587, 155.594

47, 46.370,
340.400

77, 15.161,
154.944

44, 53.618,
341.527

82, 23.477,
154.351

41, 59.466,
342.836

87, 31.528,
153.798

39, 63.519,
344.398


92, 39.320,
153.280

38, 65.563,
346.303

94, 40.545,
154.962

37, 66.185,

347.929

 94, 38.435,
158.048

Harmonies

Complementary

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



59, 20.324, 337.671



66, 20.088, 154.301

Rectangle

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



59, 20.324, 337.671



59, 20.324, 27.671



59, 20.324, 157.671



59, 20.324, 207.671

Sweetspot

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



59, 20.322, 337.672



84, 7.743, 336.487



57, 22.275, 304.394



44, 5.026, 336.530



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 20.322, 337.672



72, 30.198, 338.078



58, 15.740, 8.060



33, 5.056, 336.653



32, 60.159, 347.641



2, 8.659, 339.550

Inverse Universe

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



59, 20.322, 337.672



72, 30.198, 338.078



66, 14.252, 183.907



33, 5.056, 336.653



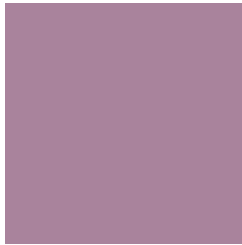
32, 60.159, 347.641



2, 8.659, 339.550

Previews

White Background



This preview shows how the CIELCh color 59, 20.324, 337.671 looks on a white background.

Color Contrast Check

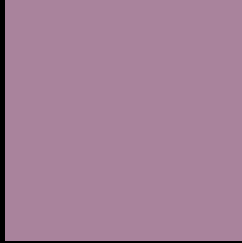
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.324, 337.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

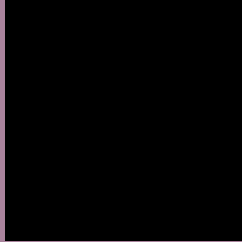
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 20.324, 337.671

Background



This preview shows how black text looks on a background with the CIELCh color 59, 20.324, 337.671.



This preview shows how white text looks on a background with the CIELCh color 59, 20.324, 337.671.

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, 20.324, 337.671

Protanopia
59, 11.914, 288.018

Deuteranopia
59, 10.718, 316.355



Tritanopia
59, 14.639, 358.398

Trichromacy



Original Color
59, 20.324, 337.671

Protanomaly
59, 13.999, 311.915

Deuteranomaly
59, 14.170, 327.770

Tritanomaly
59, 16.762, 348.715

Monochromacy



Original Color
59, 20.324, 337.671

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 7.472, 337.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 20.324, 337.671 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, 131, 156)` looks like.

```
.text, #text, p{  
    color:rgb(169, 131, 156)  
}
```

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, 131, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 131, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 20.324, 337.671 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, 131, 156) }
```

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

```
.border{ border-color:rgb(169, 131, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 131, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 131, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 131, 156);  
box-shadow:4px 4px 4px 4px rgb(169, 131,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 20.324, 337.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 131, 156) }
```

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

```
.background{ background-color: rgb(169,  
131, 156) }
```

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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