

Converting Colors

CIELCh(30, 59.195, 343.342)

Have a look what the booklet for
CIELCh(30, 59.195, 343.342)
contains.

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Color

CIELCh(30, 59.010, 343.282)

Conversions

Conversions Part 1

Format	Color
Hex	890162
RGB	137, 1, 98
RGB Percent	54%, 0%, 38%
CMY	0.4618, 0.9980, 0.6148
CMYK	0.00, 1.00, 0.28, 0.46
HSL	317°, 99%, 27%
HSV	317°, 100%, 54%
XYZ	12.5772, 6.2359, 12.1492
YIQ	52.7220, 49.9190, 58.9990

Conversions

Conversions Part 2

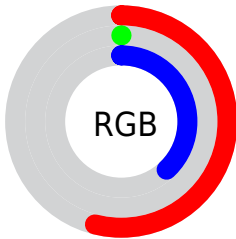
Format	Color
RYB	137, 1, 98
Decimal	8978786
CIELab	30.00, 56.52, -16.97
CIElCh	30, 59.010, 343.282
Yxy	6.2359, 0.4062, 0.2014
Android (android.graphics.Color)	4287168866 (0xFF890162)
YUV	52.7220, 22.3221, 73.9118
Hunter-Lab	24.9718, 46.2020, -11.3654

Details

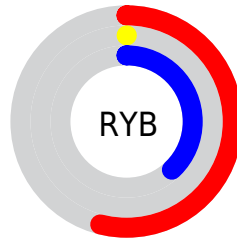
The CIELCh color **30, 59.010, 343.282** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **50, 66.644, 141.278**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 58.734, 343.219**, and **16, 39.357, 348.522** is the 20% darker color. If you saturate the color by 10%, you get **30, 59.055, 343.339**, and if you desaturate by 10%, it is **31, 57.721, 341.750**.

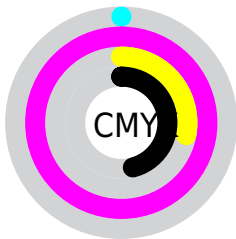
Distribution



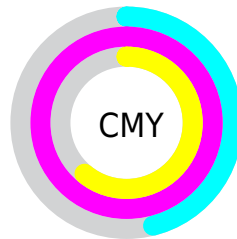
- Red (54%)
- Green (0%)
- Blue (38%)



- Red (54%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (46%)





- Cyan (46%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 59.010, 343.282 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 30, 59.010, 343.282 by changing the saturation by 10% instead.


 30, 59.010,
343.282


 30, 59.010,
343.282

 100, 59.010,
343.282


 20, 59.010,
343.282


 50, 59.010,
343.282


 10, 59.010,
343.282

 60, 59.010,
343.282

 0, 59.010, 343.282

 70, 59.010,
343.282

 80, 59.010,
343.282

 90, 59.010,
343.282

■ 30, 59.010,
343.282

■ 30, 59.010,
343.282

■ 30, 59.055,
343.339

■ 31, 57.721,
341.750

■ 32, 55.169,
340.400

■ 34, 50.961,
339.250

■ 37, 45.347,
338.243

■ 39, 38.674,
337.337

■ 43, 31.295,
336.506

■ 46, 23.510,
335.731

■ 50, 15.552,

335.000

■ 53, 7.584, 334.298

Harmonies

Complementary

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



30, 59.010, 343.282



50, 66.644, 141.278

Rectangle

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



30, 59.010, 343.282



30, 59.010, 33.282



30, 59.010, 163.282



30, 59.010, 213.282

Sweetspot

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



30, 59.008, 343.282



59, 29.497, 335.808



17, 81.715, 308.314



29, 20.023, 336.086



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



30, 59.008, 343.282



40, 71.333, 343.775



28, 57.169, 26.520



27, 4.455, 334.265



29, 57.634, 343.275



0, 2.053, 333.702

Inverse Universe

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



30, 59.008, 343.282



40, 71.333, 343.775



51, 39.738, 169.758



27, 4.455, 334.265



29, 57.634, 343.275



0, 2.053, 333.702

Previews

White Background



This preview shows how the CIELCh color 30, 59.010, 343.282 looks on a white 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 30, 59.010, 343.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

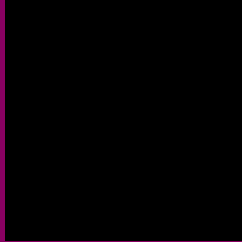
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 59.010, 343.282

Background



This preview shows how black text looks on a background with the CIELCh color 30, 59.010, 343.282.

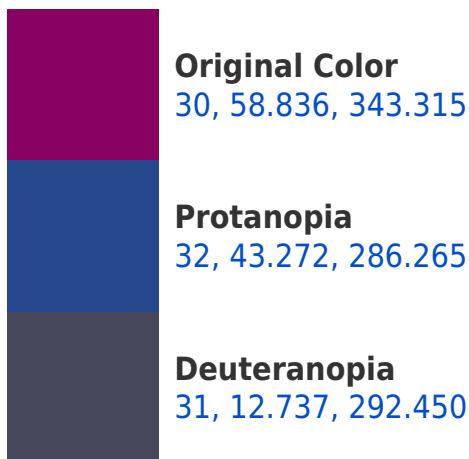


This preview shows how white text looks on a background with the CIELCh color 30, 59.010, 343.282.

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





Tritanopia
31, 45.651, 28.477

Trichromacy



Original Color
30, 58.836, 343.315

Protanomaly
26, 51.362, 307.686

Deuteranomaly
27, 35.632, 328.157

Tritanomaly
30, 47.842, 8.106

Monochromacy



Original Color
30, 58.836, 343.315

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 30.227, 338.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 59.010, 343.282 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(137, 1, 98)` looks like.

```
.text, #text, p{  
    color:rgb(137, 1, 98)  
}
```

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(137, 1, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 1, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 59.010, 343.282 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(137, 1, 98) }
```

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

```
.border{ border-color:rgb(137, 1, 98) }
```

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

Here you see how a box with a 4 pixel rgb(137, 1, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 1, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 1, 98);  
box-shadow:4px 4px 4px 4px rgb(137, 1, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 59.010, 343.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 1, 98) }
```

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

```
.background{ background-color: rgb(137, 1,  
98) }
```

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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