

Converting Colors

CIELCh(30, 59.108, 339.026)

Have a look what the booklet for
CIELCh(30, 59.108, 339.026)
contains.

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Color

CIELCh(30, 59.282, 339.005)

Conversions

Conversions Part 1

Format	Color
Hex	860869
RGB	134, 8, 105
RGB Percent	53%, 3%, 41%
CMY	0.4758, 0.9674, 0.5894
CMYK	0.00, 0.94, 0.22, 0.48
HSL	314°, 88%, 28%
HSV	314°, 94%, 52%
XYZ	12.4048, 6.2359, 13.8363
YIQ	56.7320, 43.9590, 56.8790

Conversions

Conversions Part 2

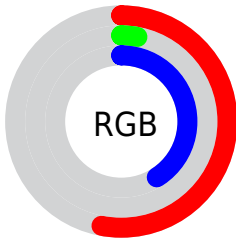
Format	Color
R_{YB}	134, 8, 105
Decimal	8783977
CIE _{Lab}	30.00, 55.35, -21.24
CIE _{LCh}	30, 59.282, 339.005
Yxy	6.2359, 0.3820, 0.1920
Android (android.graphics.Color)	4286974057 (0xFF860869)
YUV	56.7320, 23.7961, 67.7640
Hunter-Lab	24.9718, 44.9698, -15.3710

Details

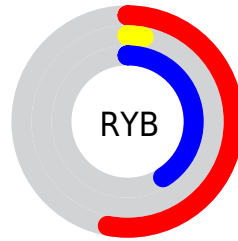
The CIELCh color **30, 59.282, 339.005** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **48, 65.334, 140.688**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 59.324, 339.306**, and **15, 40.793, 342.257** is the 20% darker color. If you saturate the color by 10%, you get **29, 60.142, 339.718**, and if you desaturate by 10%, it is **31, 57.312, 337.907**.

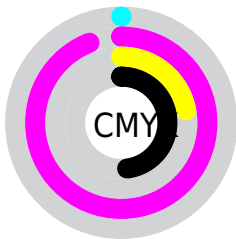
Distribution



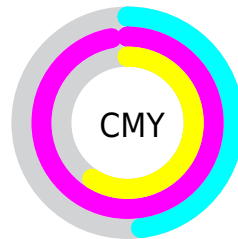
- Red (53%)
- Green (3%)
- Blue (41%)



- Red (53%)
- Yellow (3%)
- Blue (41%)



- Cyan (0%)
- Magenta (94%)
- Yellow (22%)
- Black (48%)





- Cyan (48%)
- Magenta (97%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 59.282, 339.005 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, 59.282, 339.005 by changing the saturation by 10% instead.


 30, 59.282,
339.005


 30, 59.282,
339.005

 100, 59.282,
339.005


 20, 59.282,
339.005


 50, 59.282,
339.005


 10, 59.282,
339.005

 60, 59.282,
339.005

 0, 59.282, 339.005

 70, 59.282,
339.005

 80, 59.282,
339.005

 90, 59.282,
339.005

■ 30, 59.282,
339.005

■ 30, 59.282,
339.005

■ 29, 60.142,
339.718

■ 31, 57.312,
337.907

■ 33, 53.671,
336.946

■ 35, 48.515,
336.082

■ 37, 42.156,
335.284

■ 40, 34.942,
334.534

■ 44, 27.194,
333.820

■ 47, 19.172,
333.134

■ 51, 11.068,

332.472

■ 54, 3.016, 331.790

Harmonies

Complementary

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



30, 59.282, 339.005



48, 65.334, 140.688

Rectangle

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



30, 59.282, 339.005



30, 59.282, 29.005



30, 59.282, 159.005



30, 59.282, 209.005

Sweetspot

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



30, 59.280, 339.005



58, 27.925, 333.463



17, 77.720, 307.220



28, 19.179, 333.719



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



30, 59.280, 339.005



39, 72.506, 340.040



28, 52.082, 18.028



26, 4.488, 332.167



29, 58.984, 339.680



0, 1.068, 331.635

Inverse Universe

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



30, 59.280, 339.005



39, 72.506, 340.040



49, 41.032, 164.990



26, 4.488, 332.167



29, 58.984, 339.680



0, 1.068, 331.635

Previews

White Background



This preview shows how the CIELCh color 30, 59.282, 339.005 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, 59.282, 339.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

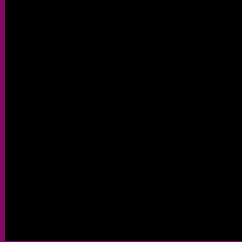
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 59.282, 339.005

Background



This preview shows how black text looks on a background with the CIELCh color 30, 59.282, 339.005.



This preview shows how white text looks on a background with the CIELCh color 30, 59.282, 339.005.

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

30, 59.457, 338.984

Protanopia

31, 49.036, 286.481

Deuteranopia

31, 16.640, 285.428



Tritanopia
31, 42.285, 27.318

Trichromacy



Original Color
30, 59.457, 338.984

Protanomaly
26, 54.323, 302.857

Deuteranomaly
28, 35.963, 321.574

Tritanomaly
30, 45.064, 4.844

Monochromacy



Original Color
30, 59.457, 338.984

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 29.223, 335.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 59.282, 339.005 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(134, 8, 105)` looks like.

```
.text, #text, p{  
    color:rgb(134, 8, 105)  
}
```

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(134, 8, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 8, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 59.282, 339.005 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(134, 8, 105) }
```

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

```
.border{ border-color:rgb(134, 8, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 8, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 8, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 8, 105);  
box-shadow:4px 4px 4px 4px rgb(134, 8,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 59.282, 339.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 8, 105) }
```

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

```
.background{ background-color: rgb(134, 8,  
105) }
```

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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