

Converting Colors

CIELCh(59, 36.223, 306.371)

Have a look what the booklet for
CIELCh(59, 36.223, 306.371)
contains.

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Color

CIELCh(59, 36.180, 306.360)

Conversions

Conversions Part 1

Format	Color
Hex	9A83C1
RGB	154, 131, 193
RGB Percent	60%, 51%, 76%
CMY	0.3953, 0.4856, 0.2424
CMYK	0.20, 0.32, 0.00, 0.24
HSL	262°, 33%, 64%
HSV	262°, 32%, 76%
XYZ	31.1493, 27.0277, 54.1399
YIQ	144.9450, -6.1940, 24.1580

Conversions

Conversions Part 2

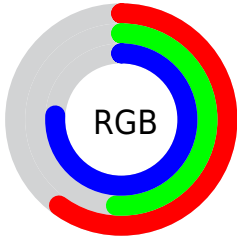
Format	Color
RYB	154, 131, 193
Decimal	10126273
CIELab	59.00, 21.45, -29.14
CIELCh	59, 36.180, 306.360
Yxy	27.0277, 0.2773, 0.2406
Android (android.graphics.Color)	4288316353 (0xFF9A83C1)
YUV	144.9450, 23.6911, 7.9412
Hunter-Lab	51.9882, 15.9708, -25.3521

Details

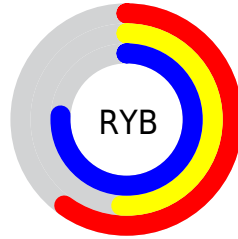
The CIELCh color $59, 36.180, 306.360$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 34.136, 122.767$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 36.428, 306.263$, and $39, 36.353, 306.691$ is the 20% darker color. If you saturate the color by 10%, you get $53, 48.101, 307.082$, and if you desaturate by 10%, it is $65, 24.526, 305.689$.

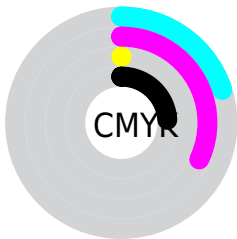
Distribution



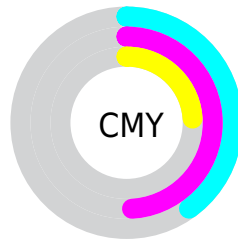
- Red (60%)
- Green (51%)
- Blue (76%)



- Red (60%)
- Yellow (51%)
- Blue (76%)



- Cyan (20%)
- Magenta (32%)
- Yellow (0%)
- Black (24%)





- Cyan (40%)
- Magenta (49%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 36.180, 306.360 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, 36.180, 306.360 by changing the saturation by 10% instead.


 59, 36.180,
306.360


 59, 36.180,
306.360


 100, 36.180,
306.360

 49, 36.180,
306.360


 79, 36.180,
306.360

 39, 36.180,
306.360

 89, 36.180,
306.360

 29, 36.180,
306.360

 99, 36.180,
306.360

 19, 36.180,
306.360

 9, 36.180, 306.360

 0, 36.180, 306.360

■ 59, 36.180,
306.360

■ 59, 36.180,
306.360

■ 53, 48.101,
307.082

■ 65, 24.526,
305.689

■ 47, 60.143,
307.830

■ 71, 13.211,
305.081

■ 42, 72.014,
308.555

■ 77, 2.261, 304.515

■ 37, 83.201,
309.174

■ 83, 8.325, 124.079

■ 33, 92.902,
309.562

■ 89, 18.557,
123.659


■ 29, 100.115,
309.567

■ 95, 28.449,
123.296

■ 27, 104.058,
309.338

■ 98, 31.750,
118.567

■ 98, 31.164,
110.321

 99, 31.125,
107.810

Harmonies

Complementary

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



59, 36.180, 306.360



75, 34.136, 122.767

Rectangle

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



59, 36.180, 306.360



59, 36.180, 356.360



59, 36.180, 126.360



59, 36.180, 176.360

Sweetspot

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



59, 36.178, 306.360



91, 13.416, 304.970



68, 17.717, 243.981



47, 9.172, 305.051



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



59, 36.178, 306.360



70, 54.745, 306.898



62, 39.533, 322.249



38, 6.179, 304.925



22, 90.613, 309.479



2, 19.863, 301.164

Inverse Universe

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



62, 31.755, 339.855



75, 47.374, 340.568



73, 39.190, 138.906



38, 5.567, 337.951



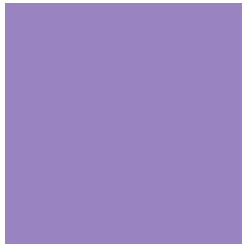
35, 62.847, 350.125



3, 17.233, 344.498

Previews

White Background



This preview shows how the CIELCh color 59, 36.180, 306.360 looks on a white background.

Color Contrast Check

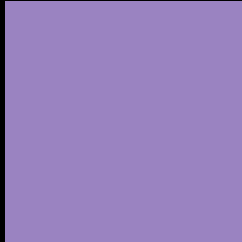
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.180, 306.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

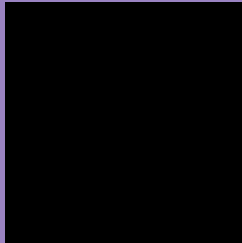
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 36.180, 306.360

Background



This preview shows how black text looks on a background with the CIELCh color 59, 36.180, 306.360.



This preview shows how white text looks on a background with the CIELCh color 59, 36.180, 306.360.

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, 36.180, 306.360

Protanopia

59, 34.190, 285.035

Deuteranopia

59, 29.033, 285.678



Tritanopia
59, 6.821, 313.959

Trichromacy



Original Color
59, 36.180, 306.360

Protanomaly
59, 34.585, 292.401

Deuteranomaly
59, 31.218, 294.235

Tritanomaly
59, 17.213, 308.083

Monochromacy



Original Color
59, 36.180, 306.360

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 13.411, 304.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 36.180, 306.360 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(154, 131, 193)` looks like.

```
.text, #text, p{  
    color:rgb(154, 131, 193)  
}
```

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(154, 131, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 131, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 36.180, 306.360 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(154, 131, 193) }
```

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

```
.border{ border-color:rgb(154, 131, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 131, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 131, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 131, 193);  
box-shadow:4px 4px 4px 4px rgb(154, 131,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 36.180, 306.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 131, 193) }
```

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

```
.background{ background-color: rgb(154,  
131, 193) }
```

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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