

Converting Colors

CIELCh(63, 39.076, 294.179)

Have a look what the booklet for
CIELCh(63, 39.076, 294.179)
contains.

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Color

CIELCh(63, 39.193, 294.259)

Conversions

Conversions Part 1

Format	Color
Hex	9292D8
RGB	146, 146, 216
RGB Percent	57%, 57%, 85%
CMY	0.4278, 0.4278, 0.1533
CMYK	0.32, 0.32, 0.00, 0.15
HSL	240°, 47%, 71%
HSV	240°, 32%, 85%
XYZ	34.4863, 31.5869, 69.1821
YIQ	153.9800, -22.4700, 21.7700

Conversions

Conversions Part 2

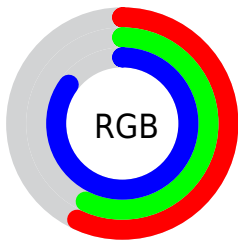
Format	Color
R _Y B	146, 146, 216
Decimal	9605848
CIE _{Lab}	63.00, 16.10, -35.73
CIE _{LCh}	63, 39.193, 294.259
Yxy	31.5869, 0.2550, 0.2335
Android (android.graphics.Color)	4287795928 (0xFF9292D8)
YUV	153.9800, 30.5759, -6.9985
Hunter-Lab	56.2022, 11.1755, -33.6414

Details

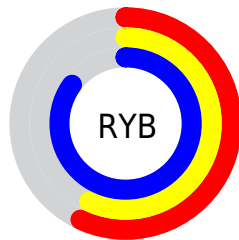
The CIELCh color `63, 39.193, 294.259` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `85, 36.178, 107.044`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 29.194, 293.946`, and `43, 39.044, 294.150` is the 20% darker color. If you saturate the color by 10%, you get `56, 52.397, 296.003`, and if you desaturate by 10%, it is `70, 26.532, 292.763`.

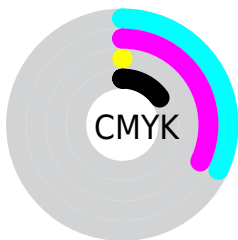
Distribution



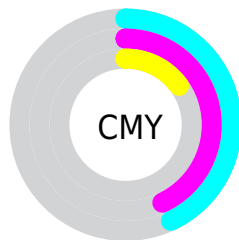
- Red (57%)
- Green (57%)
- Blue (85%)



- Red (57%)
- Yellow (57%)
- Blue (85%)



- Cyan (32%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)





- Cyan (43%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 39.193, 294.259 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 63, 39.193, 294.259 by changing the saturation by 10% instead.


 63, 39.193,
294.259


 63, 39.193,
294.259


 100, 39.193,
294.259


 53, 39.193,
294.259


 83, 39.193,
294.259

 43, 39.193,
294.259


 93, 39.193,
294.259

 33, 39.193,
294.259

 23, 39.193,
294.259

 13, 39.193,
294.259

 3, 39.193, 294.259

 0, 39.193, 294.259

■ 63, 39.193,
294.259

■ 63, 39.193,
294.259

■ 56, 52.397,
296.003

■ 70, 26.532,
292.763

■ 49, 66.106,
297.992

■ 77, 14.400,
291.493

■ 42, 80.103,
300.168

■ 85, 2.757, 290.435

■ 36, 93.777,
302.376

■ 92, 8.433, 109.489

■ 31, 105.824,
304.335

■ 99, 19.204,
108.717

■ 28, 114.299,
305.697

■ 99, 19.760,
108.682

■ 27, 118.018,
306.287

Harmonies

Complementary

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



63, 39.193, 294.259



85, 36.178, 107.044

Rectangle

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



63, 39.193, 294.259



63, 39.193, 344.259



63, 39.193, 114.259



63, 39.193, 164.259

Sweetspot

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



63, 39.192, 294.259



92, 13.210, 291.227



82, 22.941, 196.250



48, 9.038, 291.388



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 39.192, 294.259



68, 54.777, 295.444



66, 40.602, 310.113



41, 6.500, 291.152



20, 99.121, 306.287



2, 27.576, 294.041

Inverse Universe

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



67, 28.584, 22.215



74, 40.330, 23.213



82, 38.717, 126.955



42, 4.550, 19.925



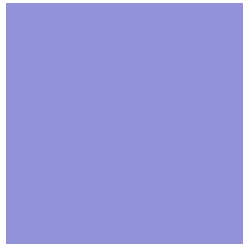
35, 77.347, 39.897



5, 22.000, 19.765

Previews

White Background



This preview shows how the CIELCh color 63, 39.193, 294.259 looks on a white background.

Color Contrast Check

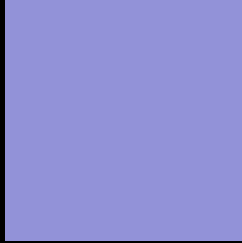
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 39.193, 294.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

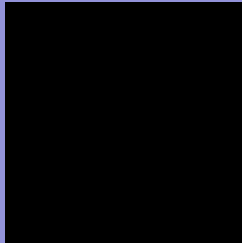
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 39.193, 294.259

Background



This preview shows how black text looks on a background with the CIELCh color 63, 39.193, 294.259.



This preview shows how white text looks on a background with the CIELCh color 63, 39.193, 294.259.

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

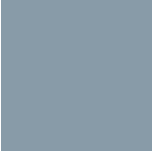
63, 39.193, 294.259

Protanopia

63, 38.799, 285.295

Deuteranopia

63, 36.082, 283.701



Tritanopia
63, 9.818, 247.010

Trichromacy



Original Color
63, 39.193, 294.259

Protanomaly
63, 38.640, 288.302

Deuteranomaly
63, 36.994, 287.819

Tritanomaly
63, 18.798, 279.504

Monochromacy



Original Color
63, 39.193, 294.259

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 14.551, 291.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 39.193, 294.259 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(146, 146, 216)` looks like.

```
.text, #text, p{  
    color:rgb(146, 146, 216)  
}
```

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(146, 146, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 146, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 39.193, 294.259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

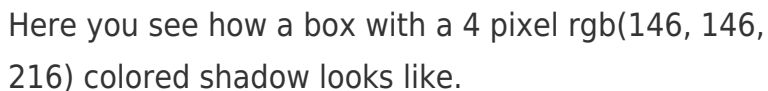
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 146, 216) }
```

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

```
.border{ border-color:rgb(146, 146, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 146, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 146, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 146, 216); box-shadow:4px 4px 4px 4px rgb(146, 146, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 39.193, 294.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 146, 216) }
```

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

```
.background{ background-color: rgb(146,  
146, 216) }
```

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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