

Converting Colors

CIELCh(64, 40.157, 293.420)

Have a look what the booklet for
CIELCh(64, 40.157, 293.420)
contains.

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Color

CIELCh(64, 40.157, 293.420)

Conversions

Conversions Part 1

Format	Color
Hex	9395DD
RGB	147, 149, 221
RGB Percent	58%, 58%, 87%
CMY	0.4245, 0.4166, 0.1344
CMYK	0.34, 0.33, 0.00, 0.13
HSL	238°, 52%, 72%
HSV	238°, 34%, 87%
XYZ	35.7098, 32.8017, 72.6680
YIQ	156.6100, -24.3040, 21.9680

Conversions

Conversions Part 2

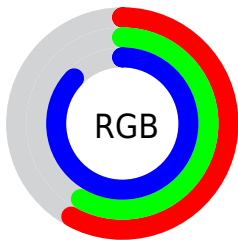
Format	Color
RYB	147, 149, 221
Decimal	9672157
CIELab	64.00, 15.96, -36.85
CIELCh	64, 40.157, 293.420
Yxy	32.8017, 0.2529, 0.2323
Android (android.graphics.Color)	4287862237 (0xFF9395DD)
YUV	156.6100, 31.7443, -8.4280
Hunter-Lab	57.2727, 11.0682, -35.1366

Details

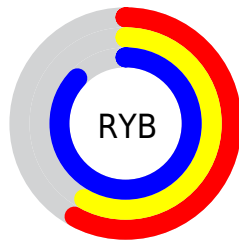
The CIELCh color `64, 40.157, 293.420` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `86, 37.106, 105.751`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 27.518, 292.516`, and `44, 40.691, 293.518` is the 20% darker color. If you saturate the color by 10%, you get `57, 53.252, 295.225`, and if you desaturate by 10%, it is `71, 27.595, 291.870`.

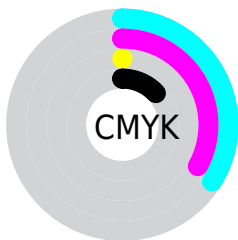
Distribution



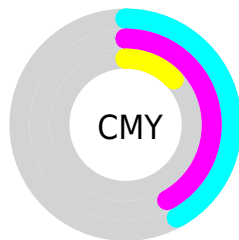
- Red (58%)
- Green (58%)
- Blue (87%)



- Red (58%)
- Yellow (58%)
- Blue (87%)



- Cyan (34%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)





- Cyan (42%)
- Magenta (42%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 40.157, 293.420 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 64, 40.157, 293.420 by changing the saturation by 10% instead.


 64, 40.157,
293.420


 64, 40.157,
293.420


 100, 40.157,
293.420


 54, 40.157,
293.420


 84, 40.157,
293.420

 44, 40.157,
293.420

 94, 40.157,
293.420

 34, 40.157,
293.420

 24, 40.157,
293.420

 14, 40.157,
293.420

 4, 40.157, 293.420

 0, 40.157, 293.420

■ 64, 40.157,
293.420

■ 64, 40.157,
293.420

■ 57, 53.252,
295.225

■ 71, 27.595,
291.870

■ 50, 66.850,
297.286

■ 78, 15.547,
290.554

■ 43, 80.760,
299.545

■ 86, 3.976, 289.450

■ 37, 94.420,
301.855

■ 93, 7.156, 108.468

■ 99, 17.331,
108.867

■ 32, 106.619,
303.943

■ 29, 115.498,
305.468

■ 28, 118.855,
306.025

Harmonies

Complementary

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



64, 40.157, 293.420



86, 37.106, 105.751

Rectangle

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



64, 40.157, 293.420



64, 40.157, 343.420



64, 40.157, 113.420



64, 40.157, 163.420

Sweetspot

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



64, 40.156, 293.420



92, 12.844, 290.150



83, 24.153, 194.629



48, 8.786, 290.313



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 40.156, 293.420



68, 54.654, 294.620



66, 42.697, 309.630



42, 6.444, 290.076



21, 98.935, 305.934



2, 29.041, 294.345

Inverse Universe

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



68, 30.066, 20.324



74, 41.237, 21.371



84, 40.563, 126.293



43, 4.638, 17.732



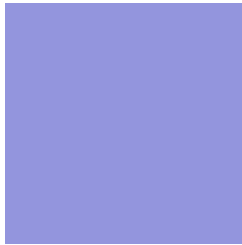
36, 77.066, 38.813



5, 23.798, 19.099

Previews

White Background



This preview shows how the CIELCh color 64, 40.157, 293.420 looks on a white background.

Color Contrast Check

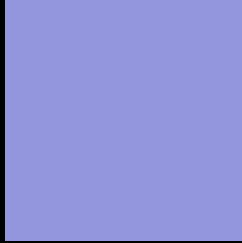
Large Text (above 18pt) WCAG AA × Fail

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 64, 40.157, 293.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

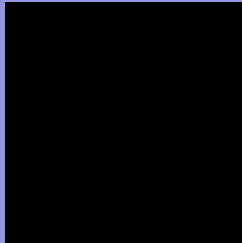
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 40.157, 293.420

Background



This preview shows how black text looks on a background with the CIELCh color 64, 40.157, 293.420.



This preview shows how white text looks on a background with the CIELCh color 64, 40.157, 293.420.

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

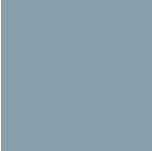
64, 40.157, 293.420

Protanopia

64, 39.787, 285.190

Deuteranopia

64, 37.663, 283.901



Tritanopia
64, 10.410, 239.028

Trichromacy



Original Color
64, 40.157, 293.420

Protanomaly
64, 40.216, 288.280

Deuteranomaly
64, 38.576, 287.805

Tritanomaly
64, 19.479, 277.021

Monochromacy



Original Color
64, 40.157, 293.420

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 15.074, 291.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 40.157, 293.420 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(147, 149, 221)` looks like.

```
.text, #text, p{  
    color:rgb(147, 149, 221)  
}
```

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(147, 149, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 149, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 40.157, 293.420 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(147, 149, 221) }
```

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

```
.border{ border-color:rgb(147, 149, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 149, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 149, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 149, 221);  
box-shadow:4px 4px 4px 4px rgb(147, 149,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 40.157, 293.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 149, 221) }
```

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

```
.background{ background-color: rgb(147,  
149, 221) }
```

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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