

Converting Colors

CIELCh(41, 82.276, 311.976)

Have a look what the booklet for
CIELCh(41, 82.276, 311.976)
contains.

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Color

CIELCh(41, 82.303, 311.938)

Conversions

Conversions Part 1

Format	Color
Hex	7F3CC7
RGB	127, 60, 199
RGB Percent	50%, 24%, 78%
CMY	0.5020, 0.7647, 0.2197
CMYK	0.36, 0.70, 0.00, 0.22
HSL	269°, 55%, 51%
HSV	269°, 70%, 78%
XYZ	20.6731, 11.8645, 55.2255
YIQ	95.8790, -4.6870, 57.4330

Conversions

Conversions Part 2

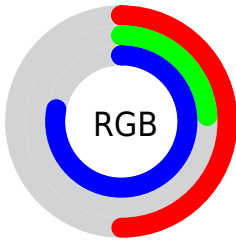
Format	Color
RYB	127, 60, 199
Decimal	8338631
CIELab	41.00, 55.01, -61.22
CIElCh	41, 82.303, 311.938
Yxy	11.8645, 0.2356, 0.1352
Android (android.graphics.Color)	4286528711 (0xFF7F3CC7)
YUV	95.8790, 50.8387, 27.2931
Hunter-Lab	34.4449, 46.8534, -70.9481

Details

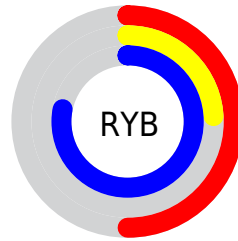
The CIELCh color **41, 82.303, 311.938** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **74, 73.618, 125.671**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 81.703, 312.249**, and **21, 81.595, 311.811** is the 20% darker color. If you saturate the color by 10%, you get **37, 91.937, 312.114**, and if you desaturate by 10%, it is **46, 71.167, 311.547**.

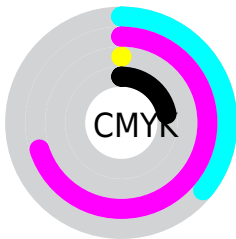
Distribution



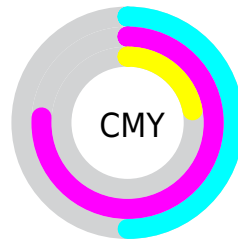
- Red (50%)
- Green (24%)
- Blue (78%)



- Red (50%)
- Yellow (24%)
- Blue (78%)



- Cyan (36%)
- Magenta (70%)
- Yellow (0%)
- Black (22%)





- Cyan (50%)
- Magenta (76%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 82.303, 311.938 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 41, 82.303, 311.938 by changing the saturation by 10% instead.


 41, 82.303,
311.938


 41, 82.303,
311.938


 100, 82.303,
311.938


 31, 82.303,
311.938

 61, 82.303,
311.938


 21, 82.303,
311.938

 71, 82.303,
311.938


 11, 82.303,
311.938


 81, 82.303,
311.938

 1, 82.303, 311.938

 91, 82.303,
311.938

 0, 82.303, 311.938

 41, 82.303,

 41, 82.303,

311.938

311.938

■ 37, 91.937,
312.114

■ 46, 71.167,
311.547

■ 33, 99.214,
311.953

■ 51, 59.250,
311.037

■ 31, 103.919,
311.446

■ 57, 47.049,
310.479

■ 31, 103.985,
311.439

■ 63, 34.870,
309.918

■ 68, 22.890,
309.379

■ 74, 11.200,
308.876

■ 80, 0.156, 129.150

■ 86, 11.163,
128.036

■ 92, 21.824,
127.670

Harmonies

Complementary

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



41, 82.303, 311.938



74, 73.618, 125.671

Rectangle

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



41, 82.303, 311.938



41, 82.303, 1.938



41, 82.303, 131.938



41, 82.303, 181.938

Sweetspot

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



41, 82.302, 311.938



85, 29.672, 309.456



54, 40.384, 267.560



43, 20.159, 309.605



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



41, 82.302, 311.938



45, 115.951, 312.077



51, 82.641, 326.682



39, 6.440, 308.853



25, 89.614, 311.601



2, 22.297, 305.277

Inverse Universe

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



48, 61.389, 351.371



57, 82.180, 355.304



71, 83.764, 137.681



39, 5.265, 343.417



35, 60.954, 359.885



4, 18.038, 351.883

Previews

White Background



This preview shows how the CIELCh color 41, 82.303, 311.938 looks on a white background.

Color Contrast Check

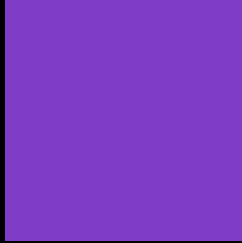
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 41, 82.303, 311.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

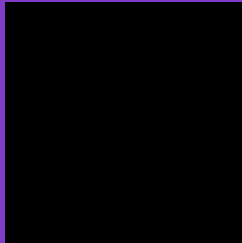
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 82.303, 311.938

Background



This preview shows how black text looks on a background with the CIELCh color 41, 82.303, 311.938.

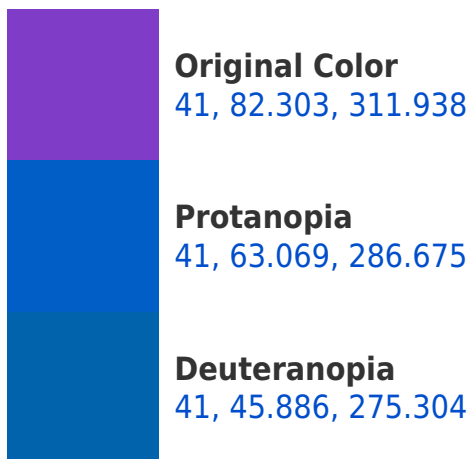



This preview shows how white text looks on a background with the CIELCh color 41, 82.303, 311.938.

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
41, 7.254, 344.661

Trichromacy



Original Color
41, 82.303, 311.938



Protanomaly
39, 70.287, 294.227



Deuteranomaly
39, 59.210, 290.631



Tritanomaly
40, 35.542, 314.229

Monochromacy



Original Color
41, 82.303, 311.938



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 31.834, 310.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 82.303, 311.938 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(127, 60, 199)` looks like.

```
.text, #text, p{  
    color:rgb(127, 60, 199)  
}
```

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(127, 60, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 60, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 82.303, 311.938 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(127, 60, 199) }
```

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

```
.border{ border-color:rgb(127, 60, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 60, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 60, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 60, 199);  
box-shadow:4px 4px 4px 4px rgb(127, 60,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 82.303, 311.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 60, 199) }
```

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

```
.background{ background-color: rgb(127, 60,  
199) }
```

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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