

Converting Colors

CIELCh(41, 75.036, 311.491)

Have a look what the booklet for
CIELCh(41, 75.036, 311.491)
contains.

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Color

CIELCh(41, 75.065, 311.512)

Conversions

Conversions Part 1

Format	Color
Hex	7C41BE
RGB	124, 65, 190
RGB Percent	49%, 25%, 75%
CMY	0.5123, 0.7438, 0.2535
CMYK	0.35, 0.66, 0.00, 0.25
HSL	268°, 49%, 50%
HSV	268°, 66%, 75%
XYZ	19.6083, 11.8645, 50.1806
YIQ	96.8910, -4.9610, 51.3830

Conversions

Conversions Part 2

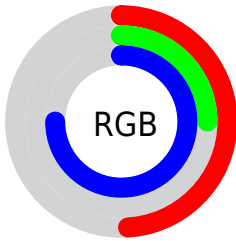
Format	Color
RYB	124, 65, 190
Decimal	8143294
CIELab	41.00, 49.75, -56.21
CIElCh	41, 75.065, 311.512
Yxy	11.8645, 0.2401, 0.1453
Android (android.graphics.Color)	4286333374 (0xFF7C41BE)
YUV	96.8910, 45.9027, 23.7746
Hunter-Lab	34.4449, 41.3354, -62.2643

Details

The CIELCh color **41, 75.065, 311.512** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **71, 67.439, 125.341**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 75.268, 311.670**, and **21, 75.251, 311.453** is the 20% darker color. If you saturate the color by 10%, you get **37, 85.146, 311.815**, and if you desaturate by 10%, it is **46, 63.884, 311.042**.

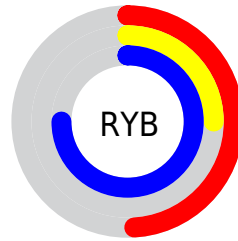
Distribution



Red (49%)

Green (25%)

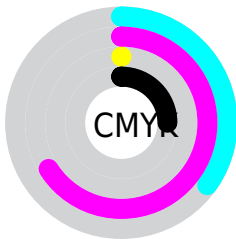
Blue (75%)



Red (49%)

Yellow (25%)

Blue (75%)

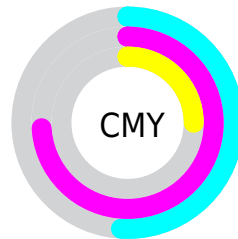


Cyan (35%)

Magenta (66%)

Yellow (0%)

Black (25%)



Cyan (51%)


Magenta (74%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 75.065, 311.512 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, 75.065, 311.512 by changing the saturation by 10% instead.


 41, 75.065,
311.512


 41, 75.065,
311.512


 100, 75.065,
311.512


 31, 75.065,
311.512

 61, 75.065,
311.512


 21, 75.065,
311.512

 71, 75.065,
311.512

 11, 75.065,
311.512


 81, 75.065,
311.512

 1, 75.065, 311.512

 91, 75.065,
311.512

 0, 75.065, 311.512

 41, 75.065,

 41, 75.065,

311.512

■ 37, 85.146,
311.815

■ 33, 93.336,
311.837

■ 30, 98.860,
311.463

■ 29, 100.783,
311.259

311.512

■ 46, 63.884,
311.042

■ 51, 52.204,
310.490

■ 57, 40.411,
309.916

■ 62, 28.737,
309.353

■ 68, 17.306,
308.823

■ 74, 6.181, 308.328

■ 80, 4.611, 127.930

■ 85, 15.065,
127.525

■ 91, 25.188,
127.179

Harmonies

Complementary

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



41, 75.065, 311.512



71, 67.439, 125.341

Rectangle

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



41, 75.065, 311.512



41, 75.065, 1.512



41, 75.065, 131.512



41, 75.065, 181.512

Sweetspot

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



41, 75.064, 311.512



83, 27.484, 309.065



53, 36.847, 265.939



43, 18.978, 309.217



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



41, 75.064, 311.512



46, 108.584, 311.868



50, 76.412, 326.568



37, 6.154, 308.507



24, 87.704, 311.416



2, 17.999, 304.047

Inverse Universe

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



48, 56.991, 349.832



57, 78.544, 353.073



68, 77.208, 138.114



37, 5.075, 342.891



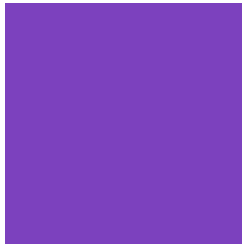
34, 59.708, 358.864



3, 14.176, 349.965

Previews

White Background



This preview shows how the CIELCh color 41, 75.065, 311.512 looks on a white background.

Color Contrast Check

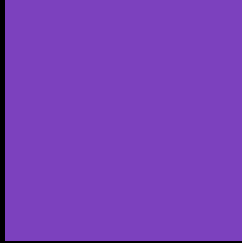
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.065, 311.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

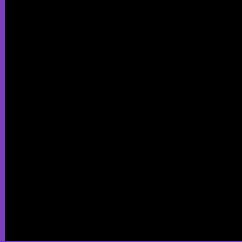
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 75.065, 311.512

Background



This preview shows how black text looks on a background with the CIELCh color 41, 75.065, 311.512.

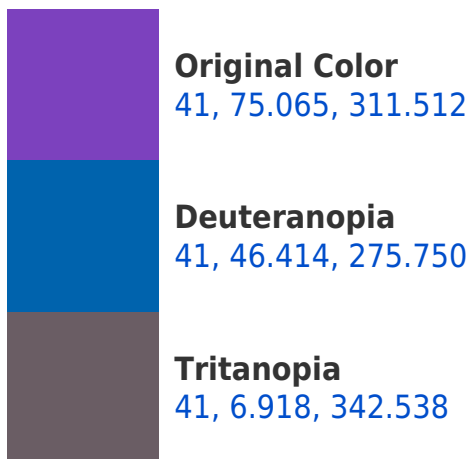


This preview shows how white text looks on a background with the CIELCh color 41, 75.065, 311.512.

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



Trichromacy



Original Color
41, 75.065, 311.512

Deuteranomaly
39, 56.218, 288.977

Tritanomaly
40, 32.393, 314.099

Monochromacy



Original Color
41, 75.065, 311.512

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 29.284, 310.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 75.065, 311.512 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(124, 65, 190)` looks like.

```
.text, #text, p{  
    color:rgb(124, 65, 190)  
}
```

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(124, 65, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 65, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 75.065, 311.512 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(124, 65, 190) }
```

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

```
.border{ border-color:rgb(124, 65, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 65, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 65, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 65, 190);  
box-shadow:4px 4px 4px 4px rgb(124, 65,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 75.065, 311.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 65, 190) }
```

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

```
.background{ background-color: rgb(124, 65,  
190) }
```

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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