

Converting Colors

CIELCh(41, 70.221, 317.179)

Have a look what the booklet for
CIELCh(41, 70.221, 317.179)
contains.

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Color

CIELCh(41, 70.205, 317.263)

Conversions

Conversions Part 1

Format	Color
Hex	8A3DB0
RGB	138, 61, 176
RGB Percent	54%, 24%, 69%
CMY	0.4590, 0.7610, 0.3100
CMYK	0.22, 0.65, 0.00, 0.31
HSL	280°, 49%, 46%
HSV	280°, 65%, 69%
XYZ	19.9715, 11.8645, 42.2872
YIQ	97.1330, 8.9770, 52.0890

Conversions

Conversions Part 2

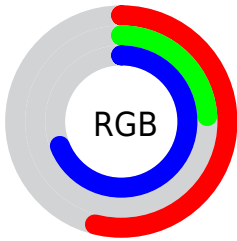
Format	Color
R_{YB}	138, 61, 176
Decimal	9059760
CIE _{Lab}	41.00, 51.56, -47.64
CIE _{LCh}	41, 70.205, 317.263
Yxy	11.8645, 0.2694, 0.1601
Android (android.graphics.Color)	4287249840 (0xFF8A3DB0)
YUV	97.1330, 38.8814, 35.8404
Hunter-Lab	34.4449, 43.2171, -48.6774

Details

The CIELCh color **41, 70.205, 317.263** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **65, 66.762, 131.685**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 70.307, 317.266**, and **21, 69.884, 317.168** is the 20% darker color. If you saturate the color by 10%, you get **37, 78.718, 317.338**, and if you desaturate by 10%, it is **45, 60.368, 317.021**.

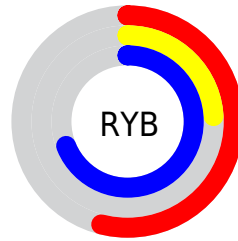
Distribution



Red (54%)

Green (24%)

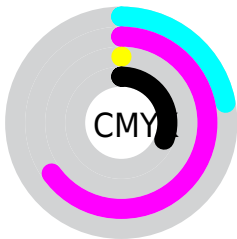
Blue (69%)



Red (54%)

Yellow (24%)

Blue (69%)

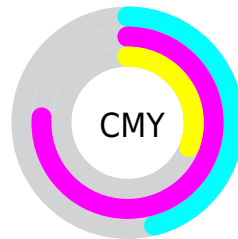


Cyan (22%)

Magenta (65%)

Yellow (0%)

Black (31%)



Cyan (46%)

Magenta (76%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 70.205, 317.263 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, 70.205, 317.263 by changing the saturation by 10% instead.

■ 41, 70.205,
317.263

■ 41, 70.205,
317.263

■ 100, 70.205,
317.263

■ 31, 70.205,
317.263

■ 61, 70.205,
317.263

■ 21, 70.205,
317.263

■ 71, 70.205,
317.263

■ 11, 70.205,
317.263

■ 81, 70.205,
317.263

■ 1, 70.205, 317.263

■ 91, 70.205,
317.263

■ 0, 70.205, 317.263

■ 41, 70.205,

■ 41, 70.205,

317.263

37, 78.718,
317.338

35, 85.326,
317.174

33, 89.589,
316.711

32, 91.160,
316.456

317.263

45, 60.368,
317.021

49, 49.739,
316.672

54, 38.724,
316.263

59, 27.607,
315.829

64, 16.568,
315.391

69, 5.718, 314.953

74, 4.879, 134.615

79, 15.192,
134.224

■ 84, 25.209,
133.882

Harmonies

Complementary

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



41, 70.205, 317.263



65, 66.762, 131.685

Rectangle

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



41, 70.205, 317.263



41, 70.205, 7.263



41, 70.205, 137.263



41, 70.205, 187.263

Sweetspot

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



41, 70.204, 317.263



79, 26.911, 315.609



43, 46.438, 284.499



40, 18.385, 315.730



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



41, 70.204, 317.263



48, 99.567, 317.305



46, 64.162, 333.550



35, 6.143, 315.129



27, 82.180, 316.566



2, 14.342, 311.218

Inverse Universe

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



43, 49.999, 3.903



52, 70.684, 8.475



64, 65.513, 143.032



35, 4.288, 354.693



32, 58.876, 17.409



2, 9.809, 359.138

Previews

White Background



This preview shows how the CIELCh color 41, 70.205, 317.263 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, 70.205, 317.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

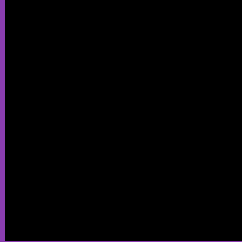
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 70.205, 317.263

Background



This preview shows how black text looks on a background with the CIELCh color 41, 70.205, 317.263.

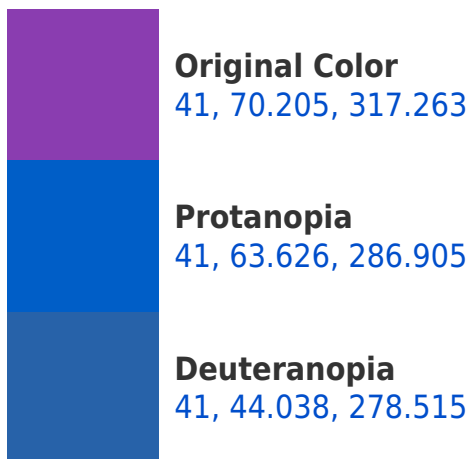


This preview shows how white text looks on a background with the CIELCh color 41, 70.205, 317.263.

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, 17.438, 8.130

Trichromacy



Original Color
41, 70.205, 317.263

Protanomaly
39, 66.245, 293.769

Deuteranomaly
40, 52.864, 294.752

Tritanomaly
40, 34.144, 330.632

Monochromacy



Original Color
41, 70.205, 317.263

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 27.736, 316.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 70.205, 317.263 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(138, 61, 176)` looks like.

```
.text, #text, p{  
    color:rgb(138, 61, 176)  
}
```

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(138, 61, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 61, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 70.205, 317.263 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(138, 61, 176) }
```

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

```
.border{ border-color:rgb(138, 61, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 61, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 61, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 61, 176); box-shadow:4px 4px 4px 4px rgb(138, 61, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 70.205, 317.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 61, 176) }
```

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

```
.background{ background-color: rgb(138, 61,  
176) }
```

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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