

Converting Colors

CIELCh(41, 38.400, 323.885)

Have a look what the booklet for
CIELCh(41, 38.400, 323.885)
contains.

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Color

CIELCh(41, 38.395, 323.944)

Conversions

Conversions Part 1

Format	Color
Hex	814E86
RGB	129, 78, 134
RGB Percent	51%, 31%, 53%
CMY	0.4937, 0.6937, 0.4741
CMYK	0.04, 0.42, 0.00, 0.47
HSL	295°, 26%, 42%
HSV	295°, 42%, 53%
XYZ	16.1137, 11.8645, 24.0365
YIQ	99.6330, 12.4200, 28.2280

Conversions

Conversions Part 2

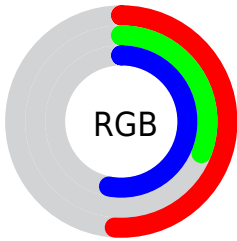
Format	Color
RYB	129, 78, 134
Decimal	8474246
CIELab	41.00, 31.04, -22.60
CIELCh	41, 38.395, 323.944
Yxy	11.8645, 0.3098, 0.2281
Android (android.graphics.Color)	4286664326 (0xFF814E86)
YUV	99.6330, 16.9429, 25.7549
Hunter-Lab	34.4449, 23.2257, -17.2625

Details

The CIELCh color `41, 38.395, 323.944` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `51, 38.187, 139.357`, and the grayscale version is `42, 0.006, 296.813`.

A 20% lighter version of the original color is `61, 38.458, 324.168`, and `21, 38.153, 323.850` is the 20% darker color. If you saturate the color by 10%, you get `38, 46.962, 324.334`, and if you desaturate by 10%, it is `44, 29.358, 323.506`.

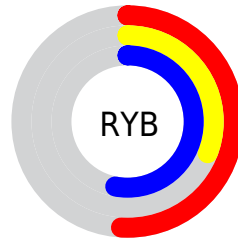
Distribution



Red (51%)

Green (31%)

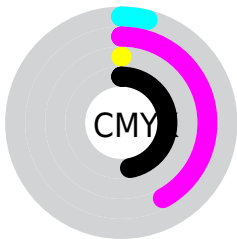
Blue (53%)



Red (51%)

Yellow (31%)

Blue (53%)

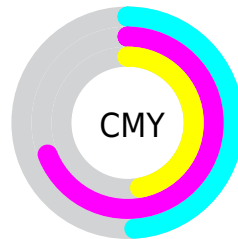


Cyan (4%)

Magenta (42%)

Yellow (0%)

Black (47%)



Cyan (49%)


Magenta (69%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 38.395, 323.944 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, 38.395, 323.944 by changing the saturation by 10% instead.


 41, 38.395,
323.944


 41, 38.395,
323.944


 100, 38.395,
323.944


 31, 38.395,
323.944

 61, 38.395,
323.944


 21, 38.395,
323.944

 71, 38.395,
323.944


 11, 38.395,
323.944


 81, 38.395,
323.944

 1, 38.395, 323.944

 91, 38.395,
323.944

 0, 38.395, 323.944

 41, 38.395,

 41, 38.395,

323.944

■ 38, 46.962,
324.334

■ 35, 54.749,
324.653

■ 33, 61.400,
324.875

■ 31, 66.573,
324.977

■ 30, 70.036,
324.941

■ 29, 72.098,
324.852

323.944

■ 44, 29.358,
323.506

■ 48, 20.104,
323.040

■ 52, 10.813,
322.557

■ 55, 1.609, 321.990

■ 59, 7.427, 141.660

■ 63, 16.248,
141.201

■ 67, 24.829,
140.773

■ 71, 33.158,
140.371

■ 75, 41.235,
139.996

Harmonies

Complementary

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



41, 38.395, 323.944



51, 38.187, 139.357

Rectangle

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



41, 38.395, 323.944



41, 38.395, 13.944



41, 38.395, 143.944



41, 38.395, 193.944

Sweetspot

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



41, 38.393, 323.944



65, 14.760, 322.632



37, 31.107, 291.597



33, 10.296, 322.725



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



41, 38.393, 323.944



49, 56.025, 324.310



41, 29.974, 342.131



26, 5.129, 322.426



28, 70.510, 324.862



0, 1.221, 322.013

Inverse Universe

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



40, 25.258, 16.683



48, 38.070, 18.462



51, 29.219, 154.868



26, 3.067, 12.663



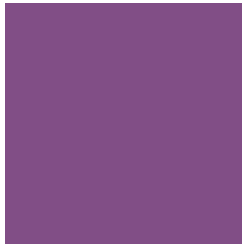
26, 59.482, 34.848



0, 0.714, 12.023

Previews

White Background



This preview shows how the CIELCh color 41, 38.395, 323.944 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 CIE LCh color 41, 38.395, 323.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

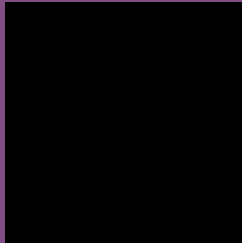
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 41, 38.395, 323.944

Background



This preview shows how black text looks on a background with the CIELCh color 41, 38.395, 323.944.



This preview shows how white text looks on a background with the CIELCh color 41, 38.395, 323.944.

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

41, 38.395, 323.944

Protanopia

41, 32.317, 285.399

Deuteranopia

41, 21.311, 285.714



Tritanopia
41, 16.548, 7.205

Trichromacy



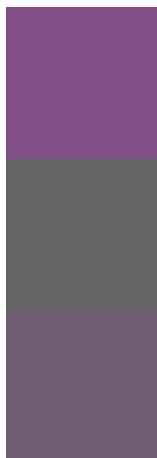
Original Color
41, 38.395, 323.944

Protanomaly
41, 33.027, 299.542

Deuteranomaly
41, 26.755, 304.809

Tritanomaly
41, 22.752, 341.526

Monochromacy



Original Color
41, 38.395, 323.944

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 14.372, 323.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 38.395, 323.944 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(129, 78, 134)` looks like.

```
.text, #text, p{  
    color:rgb(129, 78, 134)  
}
```

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(129, 78, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 78, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 38.395, 323.944 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(129, 78, 134) }
```

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

```
.border{ border-color:rgb(129, 78, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 78, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 78, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 78, 134);  
box-shadow:4px 4px 4px 4px rgb(129, 78,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 38.395, 323.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 78, 134) }
```

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

```
.background{ background-color: rgb(129, 78,  
134) }
```

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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