

Converting Colors

CIELCh(41, 40.208, 335.132)

Have a look what the booklet for
CIELCh(41, 40.208, 335.132)
contains.

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Color

CIELCh(41, 40.439, 334.968)

Conversions

Conversions Part 1

Format	Color
Hex	8D487D
RGB	141, 72, 125
RGB Percent	55%, 28%, 49%
CMY	0.4456, 0.7163, 0.5084
CMYK	0.00, 0.49, 0.11, 0.45
HSL	314°, 32%, 42%
HSV	314°, 49%, 55%
XYZ	17.1120, 11.8645, 20.9091
YIQ	98.6730, 24.1110, 31.1110

Conversions

Conversions Part 2

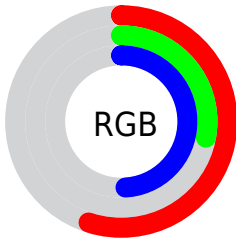
Format	Color
RYB	141, 72, 125
Decimal	9259133
CIELab	41.00, 36.64, -17.11
CIELCh	41, 40.439, 334.968
Yxy	11.8645, 0.3430, 0.2378
Android (android.graphics.Color)	4287449213 (0xFF8D487D)
YUV	98.6730, 12.9792, 37.1208
Hunter-Lab	34.4449, 28.3989, -11.8794

Details

The CIELCh color $41, 40.439, 334.968$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 40.361, 147.451$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 40.427, 334.770$, and $21, 40.557, 335.072$ is the 20% darker color. If you saturate the color by 10%, you get $38, 47.553, 335.748$, and if you desaturate by 10%, it is $44, 32.587, 334.231$.

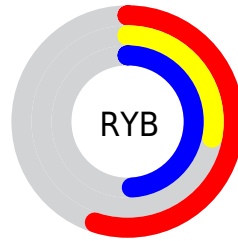
Distribution



Red (55%)

Green (28%)

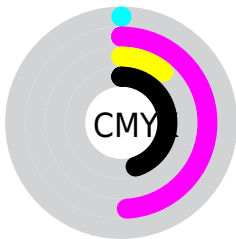
Blue (49%)



Red (55%)

Yellow (28%)

Blue (49%)

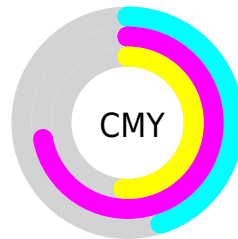


Cyan (0%)

Magenta (49%)

Yellow (11%)

Black (45%)



Cyan (45%)


Magenta (72%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 40.439, 334.968 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, 40.439, 334.968 by changing the saturation by 10% instead.


 41, 40.439,
334.968


 41, 40.439,
334.968


 100, 40.439,
334.968


 31, 40.439,
334.968

 61, 40.439,
334.968


 21, 40.439,
334.968

 71, 40.439,
334.968

 11, 40.439,
334.968

 81, 40.439,
334.968

 1, 40.439, 334.968

 91, 40.439,
334.968

 0, 40.439, 334.968

 41, 40.439,

 41, 40.439,

334.968

■ 38, 47.553,
335.748

■ 36, 53.573,
336.586

■ 34, 58.140,
337.507

■ 32, 60.988,
338.549

■ 31, 62.385,
339.718

■ 31, 62.540,
339.856

334.968

■ 44, 32.587,
334.231

■ 48, 24.315,
333.526

■ 51, 15.860,
332.848

■ 55, 7.394, 332.187

■ 59, 0.969, 151.860

■ 63, 9.158, 151.047

■ 67, 17.135,
150.477

■ 71, 24.881,
149.944

■ 76, 32.391,

Harmonies

Complementary

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



41, 40.439, 334.968



53, 40.361, 147.451

Rectangle

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



41, 40.439, 334.968



41, 40.439, 24.968



41, 40.439, 154.968



41, 40.439, 204.968

Sweetspot

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



41, 40.437, 334.968



67, 15.618, 332.616



35, 43.225, 302.904



34, 10.627, 332.738



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



41, 40.437, 334.968



49, 58.768, 335.863



40, 31.509, 3.378



28, 4.771, 332.211



30, 60.569, 339.795



1, 3.201, 331.672

Inverse Universe

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



41, 40.437, 334.968



49, 58.768, 335.863



54, 27.071, 172.101



28, 4.771, 332.211



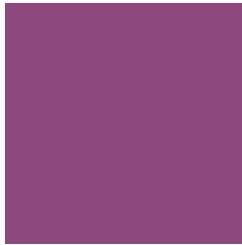
30, 60.569, 339.795



1, 3.201, 331.672

Previews

White Background



This preview shows how the CIELCh color 41, 40.439, 334.968 looks on a white background.

Color Contrast Check

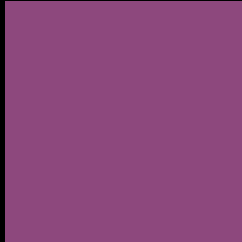
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.439, 334.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

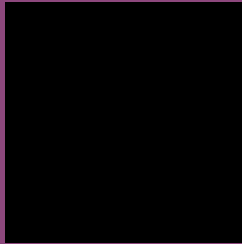
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 40.439, 334.968

Background



This preview shows how black text looks on a background with the CIELCh color 41, 40.439, 334.968.



This preview shows how white text looks on a background with the CIELCh color 41, 40.439, 334.968.

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, 40.439, 334.968

Protanopia

41, 28.672, 284.560

Deuteranopia

41, 15.789, 291.156



Tritanopia
41, 25.078, 15.186

Trichromacy



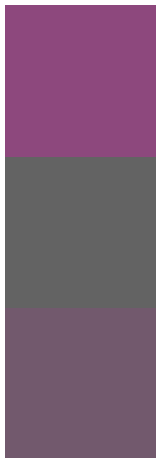
Original Color
41, 40.439, 334.968

Protanomaly
40, 31.078, 304.934

Deuteranomaly
41, 23.818, 315.868

Tritanomaly
41, 28.760, 355.828

Monochromacy



Original Color
41, 40.439, 334.968

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 15.852, 331.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 40.439, 334.968 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(141, 72, 125)` looks like.

```
.text, #text, p{  
    color:rgb(141, 72, 125)  
}
```

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(141, 72, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 72, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 40.439, 334.968 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(141, 72, 125) }
```

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

```
.border{ border-color:rgb(141, 72, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 72, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 72, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 72, 125); box-shadow:4px 4px 4px 4px rgb(141, 72, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 40.439, 334.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 72, 125) }
```

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

```
.background{ background-color: rgb(141, 72,  
125) }
```

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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