

Converting Colors

CIELCh(40, 41.113, 334.941)

Have a look what the booklet for
CIELCh(40, 41.113, 334.941)
contains.

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Color

CIELCh(40, 41.116, 334.934)

Conversions

Conversions Part 1

Format	Color
Hex	8B457B
RGB	139, 69, 123
RGB Percent	55%, 27%, 48%
CMY	0.4536, 0.7282, 0.5164
CMYK	0.00, 0.50, 0.11, 0.45
HSL	314°, 34%, 41%
HSV	314°, 50%, 55%
XYZ	16.4467, 11.2510, 20.1490
YIQ	96.0860, 24.3860, 31.6340

Conversions

Conversions Part 2

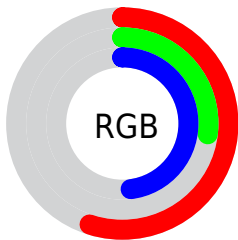
Format	Color
R_{YB}	139, 69, 123
Decimal	9127291
CIE _{Lab}	40.00, 37.24, -17.42
CIE _{LCh}	40, 41.116, 334.934
Yxy	11.2510, 0.3437, 0.2351
Android (android.graphics.Color)	4287317371 (0xFF8B457B)
YUV	96.0860, 13.2686, 37.6356
Hunter-Lab	33.5425, 28.8237, -12.1358

Details

The CIELCh color $40, 41.116, 334.934$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $52, 41.081, 147.174$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 41.121, 334.701$, and $20, 41.302, 335.095$ is the 20% darker color. If you saturate the color by 10%, you get $37, 48.035, 335.712$, and if you desaturate by 10%, it is $43, 33.421, 334.198$.

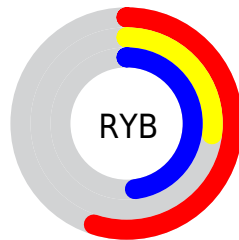
Distribution



Red (55%)

Green (27%)

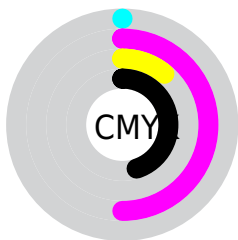
Blue (48%)



Red (55%)

Yellow (27%)

Blue (48%)

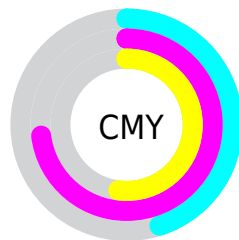


Cyan (0%)

Magenta (50%)

Yellow (11%)

Black (45%)



Cyan (45%)


Magenta (73%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 41.116, 334.934 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 40, 41.116, 334.934 by changing the saturation by 10% instead.


 40, 41.116,
334.934


 40, 41.116,
334.934


 100, 41.116,
334.934


 30, 41.116,
334.934

 60, 41.116,
334.934


 20, 41.116,
334.934

 70, 41.116,
334.934

 10, 41.116,
334.934

 80, 41.116,
334.934

 0, 41.116, 334.934

 90, 41.116,
334.934

 40, 41.116,

 40, 41.116,

334.934

37, 48.035,
335.712

35, 53.823,
336.548

33, 58.132,
337.469

32, 60.723,
338.511

31, 62.043,
339.630

334.934

43, 33.421,
334.198

47, 25.271,
333.494

50, 16.911,
332.817

54, 8.519, 332.159

58, 0.215, 330.444

62, 7.925, 151.014

66, 15.859,
150.439

70, 23.566,
149.903

74, 31.041,

Harmonies

Complementary

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



40, 41.116, 334.934



52, 41.081, 147.174

Rectangle

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



40, 41.116, 334.934



40, 41.116, 24.934



40, 41.116, 154.934



40, 41.116, 204.934

Sweetspot

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



40, 41.114, 334.934



67, 15.477, 332.491



34, 44.057, 303.058



34, 10.652, 332.614



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



40, 41.114, 334.934



48, 59.028, 335.796



39, 32.055, 3.645



27, 4.639, 332.086



29, 59.897, 339.564



0, 2.139, 331.551

Inverse Universe

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



40, 41.114, 334.934



48, 59.028, 335.796



53, 27.425, 171.928



27, 4.639, 332.086



29, 59.897, 339.564



0, 2.139, 331.551

Previews

White Background



This preview shows how the CIELCh color 40, 41.116, 334.934 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 40, 41.116, 334.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

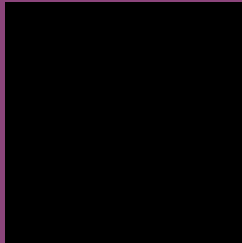
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 41.116, 334.934

Background



This preview shows how black text looks on a background with the CIELCh color 40, 41.116, 334.934.



This preview shows how white text looks on a background with the CIELCh color 40, 41.116, 334.934.

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

40, 41.116, 334.934

Protanopia

40, 29.996, 285.378

Deuteranopia

40, 15.853, 289.861



Tritanopia
40, 25.673, 15.550

Trichromacy



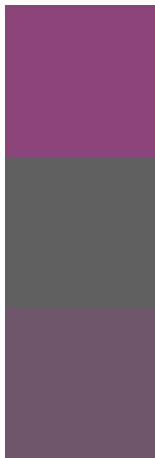
Original Color
40, 41.116, 334.934

Protanomaly
39, 31.826, 304.828

Deuteranomaly
40, 24.617, 316.209

Tritanomaly
40, 29.235, 356.453

Monochromacy



Original Color
40, 41.116, 334.934

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 16.190, 333.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 41.116, 334.934 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(139, 69, 123)` looks like.

```
.text, #text, p{  
    color:rgb(139, 69, 123)  
}
```

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(139, 69, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 69, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 41.116, 334.934 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(139, 69, 123) }
```

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

```
.border{ border-color:rgb(139, 69, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 69, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 69, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 69, 123);  
box-shadow:4px 4px 4px 4px rgb(139, 69,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 41.116, 334.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 69, 123) }
```

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

```
.background{ background-color: rgb(139, 69,  
123) }
```

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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