

Converting Colors

CIELCh(42, 42.110, 335.179)

Have a look what the booklet for
CIELCh(42, 42.110, 335.179)
contains.

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Color

CIELCh(42, 42.385, 335.102)

Conversions

Conversions Part 1

Format	Color
Hex	924981
RGB	146, 73, 129
RGB Percent	57%, 29%, 51%
CMY	0.4268, 0.7131, 0.4935
CMYK	0.00, 0.50, 0.12, 0.43
HSL	314°, 33%, 43%
HSV	314°, 50%, 57%
XYZ	18.2482, 12.5000, 22.2739
YIQ	101.2110, 25.5320, 32.8920

Conversions

Conversions Part 2

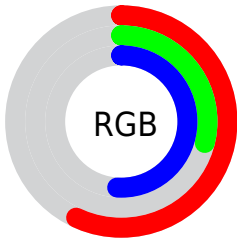
Format	Color
R_{YB}	146, 73, 129
Decimal	9587073
CIE _{Lab}	42.00, 38.45, -17.84
CIE _{LCh}	42, 42.385, 335.102
Yxy	12.5000, 0.3442, 0.2358
Android (android.graphics.Color)	4287777153 (0xFF924981)
YUV	101.2110, 13.7000, 39.2800
Hunter-Lab	35.3553, 30.2587, -12.6039

Details

The CIELCh color $42, 42.385, 335.102$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 42.331, 147.328$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 42.613, 335.286$, and $22, 42.653, 334.696$ is the 20% darker color. If you saturate the color by 10%, you get $39, 49.568, 335.893$, and if you desaturate by 10%, it is $45, 34.397, 334.356$.

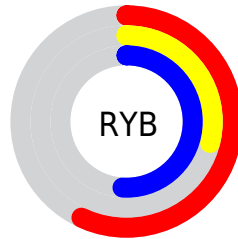
Distribution



Red (57%)

Green (29%)

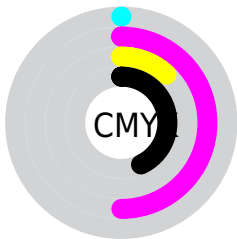
Blue (51%)



Red (57%)

Yellow (29%)

Blue (51%)

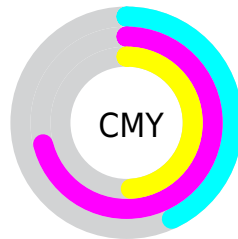


Cyan (0%)

Magenta (50%)

Yellow (12%)

Black (43%)



Cyan (43%)


Magenta (71%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 42.385, 335.102 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 42, 42.385, 335.102 by changing the saturation by 10% instead.


 42, 42.385,
335.102


 42, 42.385,
335.102


 100, 42.385,
335.102


 32, 42.385,
335.102

 62, 42.385,
335.102


 22, 42.385,
335.102

 72, 42.385,
335.102

 12, 42.385,
335.102

 82, 42.385,
335.102

 2, 42.385, 335.102

 92, 42.385,
335.102

 0, 42.385, 335.102

 42, 42.385,

 42, 42.385,

335.102

39, 49.568,
335.893

37, 55.575,
336.745

35, 60.038,
337.686

33, 62.710,
338.756

32, 64.000,
339.950

32, 64.006,
339.956

335.102

45, 34.397,
334.356

49, 25.939,
333.644

53, 17.268,
332.961

57, 8.568, 332.297

61, 0.037, 158.550

65, 8.469, 151.145

69, 16.686,
150.568

73, 24.665,
150.029

77, 32.403,

Harmonies

Complementary

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



42, 42.385, 335.102



55, 42.331, 147.328

Rectangle

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



42, 42.385, 335.102



42, 42.385, 25.102



42, 42.385, 155.102



42, 42.385, 205.102

Sweetspot

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



42, 42.383, 335.102



70, 16.136, 332.652



36, 45.529, 303.047



36, 11.106, 332.780



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



42, 42.383, 335.102



51, 61.501, 336.001



41, 33.131, 3.627



29, 4.909, 332.248



30, 61.340, 339.877



1, 4.265, 331.704

Inverse Universe

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



42, 42.383, 335.102



51, 61.501, 336.001



56, 28.353, 171.940



29, 4.909, 332.248



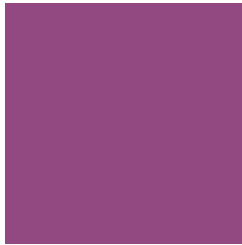
30, 61.340, 339.877



1, 4.265, 331.704

Previews

White Background



This preview shows how the CIELCh color 42, 42.385, 335.102 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 42, 42.385, 335.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

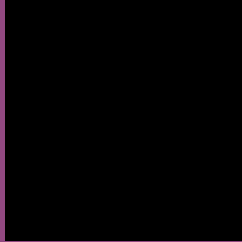
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 42.385, 335.102

Background



This preview shows how black text looks on a background with the CIELCh color 42, 42.385, 335.102.



This preview shows how white text looks on a background with the CIELCh color 42, 42.385, 335.102.

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

42, 42.385, 335.102

Protanopia

42, 30.332, 285.380

Deuteranopia

42, 16.312, 289.940



Tritanopia
42, 26.801, 15.990

Trichromacy



Original Color
42, 42.385, 335.102

Protanomaly
41, 32.195, 305.198

Deuteranomaly
42, 24.965, 315.619

Tritanomaly
42, 30.352, 356.587

Monochromacy



Original Color
42, 42.385, 335.102

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 16.061, 332.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 42.385, 335.102 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(146, 73, 129)` looks like.

```
.text, #text, p{  
    color:rgb(146, 73, 129)  
}
```

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(146, 73, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 73, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 42.385, 335.102 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(146, 73, 129) }
```

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

```
.border{ border-color:rgb(146, 73, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 73, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 73, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 73, 129);  
box-shadow:4px 4px 4px 4px rgb(146, 73,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 42.385, 335.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 73, 129) }
```

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

```
.background{ background-color: rgb(146, 73,  
129) }
```

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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