

Converting Colors

CIELCh(42, 39.133, 338.927)

Have a look what the booklet for
CIELCh(42, 39.133, 338.927)
contains.

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Color

CIELCh(42, 38.924, 339.062)

Conversions

Conversions Part 1

Format	Color
Hex	924B7B
RGB	146, 75, 123
RGB Percent	57%, 29%, 48%
CMY	0.4286, 0.7070, 0.5188
CMYK	0.00, 0.49, 0.16, 0.43
HSL	319°, 32%, 43%
HSV	319°, 49%, 57%
XYZ	17.8541, 12.5000, 20.1165
YIQ	101.7010, 26.9080, 29.9800

Conversions

Conversions Part 2

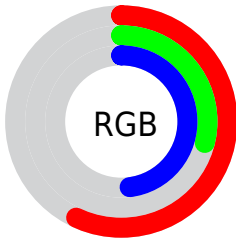
Format	Color
R_{YB}	146, 75, 123
Decimal	9587579
CIE _{Lab}	42.00, 36.35, -13.91
CIE _{LCh}	42, 38.924, 339.062
Yxy	12.5000, 0.3538, 0.2477
Android (android.graphics.Color)	4287777659 (0xFF924B7B)
YUV	101.7010, 10.5004, 38.8502
Hunter-Lab	35.3553, 28.2687, -8.9862

Details

The CIELCh color $42, 38.924, 339.062$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 38.441, 150.812$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 38.993, 338.556$, and $22, 38.938, 338.985$ is the 20% darker color. If you saturate the color by 10%, you get $39, 45.837, 340.065$, and if you desaturate by 10%, it is $45, 31.308, 338.158$.

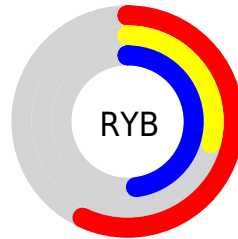
Distribution



Red (57%)

Green (29%)

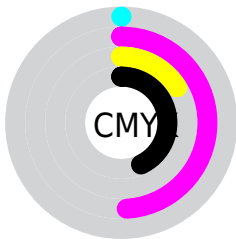
Blue (48%)



Red (57%)

Yellow (29%)

Blue (48%)

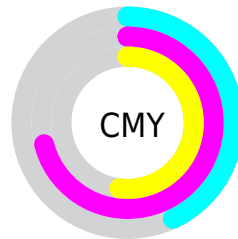


Cyan (0%)

Magenta (49%)

Yellow (16%)

Black (43%)



Cyan (43%)


Magenta (71%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 38.924, 339.062 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, 38.924, 339.062 by changing the saturation by 10% instead.


 42, 38.924,
339.062


 42, 38.924,
339.062


 100, 38.924,
339.062


 32, 38.924,
339.062

 62, 38.924,
339.062


 22, 38.924,
339.062

 72, 38.924,
339.062

 12, 38.924,
339.062

 82, 38.924,
339.062

 2, 38.924, 339.062

 92, 38.924,
339.062

 0, 38.924, 339.062

 42, 38.924,

 42, 38.924,

339.062

339.062

39, 45.837,
340.065

45, 31.308,
338.158

36, 51.685,
341.202

49, 23.305,
337.328

34, 56.094,
342.528

53, 15.150,
336.554

33, 58.790,
344.115

57, 7.007, 335.816

32, 60.009,
345.976

61, 1.018, 155.452

65, 8.859, 154.582

32, 60.157,
346.218

69, 16.484,
153.973

74, 23.879,
153.408

78, 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.



42, 38.924, 339.062



55, 38.441, 150.812

Rectangle

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



42, 38.924, 339.062



42, 38.924, 29.062



42, 38.924, 159.062



42, 38.924, 209.062

Sweetspot

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



42, 38.922, 339.063



69, 14.967, 336.300



37, 44.367, 305.856



35, 10.190, 336.439



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



42, 38.922, 339.063



50, 55.836, 340.115



41, 31.836, 10.907



29, 4.601, 335.853



30, 57.792, 346.096



1, 3.993, 335.262

Inverse Universe

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



42, 38.922, 339.063



50, 55.836, 340.115



56, 25.643, 179.971



29, 4.601, 335.853



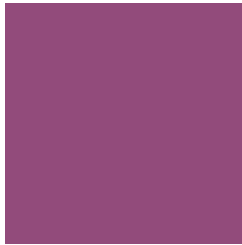
30, 57.792, 346.096



1, 3.993, 335.262

Previews

White Background



This preview shows how the CIELCh color 42, 38.924, 339.062 looks on a white background.

Color Contrast Check

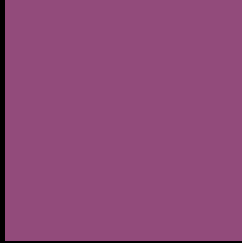
Large Text (above 18pt) WCAG AA ✓ Pass

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 42, 38.924, 339.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

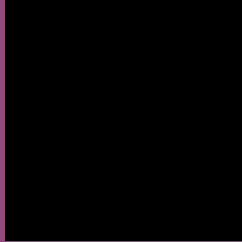
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 38.924, 339.062

Background



This preview shows how black text looks on a background with the CIELCh color 42, 38.924, 339.062.



This preview shows how white text looks on a background with the CIELCh color 42, 38.924, 339.062.

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, 38.924, 339.062

Protanopia

42, 25.486, 285.465

Deuteranopia

42, 13.385, 297.038



Tritanopia
42, 26.801, 15.990

Trichromacy



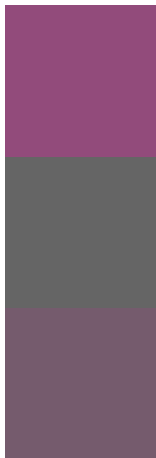
Original Color
42, 38.924, 339.062

Protanomaly
42, 27.572, 307.611

Deuteranomaly
42, 21.762, 322.998

Tritanomaly
42, 29.644, 358.292

Monochromacy



Original Color
42, 38.924, 339.062

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 15.221, 336.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 38.924, 339.062 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, 75, 123)` looks like.

```
.text, #text, p{  
    color:rgb(146, 75, 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(146, 75, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 75, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 38.924, 339.062 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, 75, 123) }
```

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

```
.border{ border-color:rgb(146, 75, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 75, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 75, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 75, 123); box-shadow:4px 4px 4px 4px rgb(146, 75, 123) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 38.924, 339.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 75, 123) }
```

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

```
.background{ background-color: rgb(146, 75,  
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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