

Converting Colors

CIELCh(42, 38.457, 327.049)

Have a look what the booklet for
CIELCh(42, 38.457, 327.049)
contains.

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Color

CIELCh(42, 38.659, 327.083)

Conversions

Conversions Part 1

Format	Color
Hex	874F86
RGB	135, 79, 134
RGB Percent	53%, 31%, 53%
CMY	0.4700, 0.6896, 0.4739
CMYK	0.00, 0.41, 0.01, 0.47
HSL	301°, 26%, 42%
HSV	301°, 41%, 53%
XYZ	17.1343, 12.5000, 24.1165
YIQ	102.0140, 15.7210, 28.9770

Conversions

Conversions Part 2

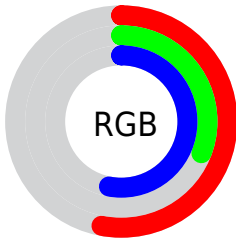
Format	Color
RYB	135, 79, 134
Decimal	8867718
CIELab	42.00, 32.45, -21.01
CIElCh	42, 38.659, 327.083
Yxy	12.5000, 0.3188, 0.2326
Android (android.graphics.Color)	4287057798 (0xFF874F86)
YUV	102.0140, 15.7691, 28.9287
Hunter-Lab	35.3553, 24.6346, -15.6940

Details

The CIELCh color $42, 38.659, 327.083$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 38.738, 141.865$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 38.185, 327.068$, and $22, 38.729, 327.355$ is the 20% darker color. If you saturate the color by 10%, you get $39, 47.180, 327.550$, and if you desaturate by 10%, it is $45, 29.576, 326.580$.

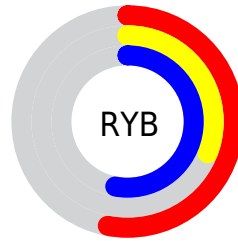
Distribution



Red (53%)

Green (31%)

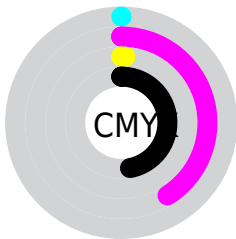
Blue (53%)



Red (53%)

Yellow (31%)

Blue (53%)

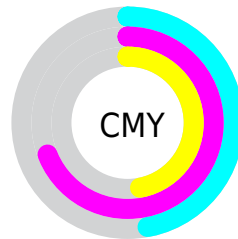


Cyan (0%)

Magenta (41%)

Yellow (1%)

Black (47%)



Cyan (47%)


Magenta (69%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 38.659, 327.083 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, 38.659, 327.083 by changing the saturation by 10% instead.


 42, 38.659,
327.083

 42, 38.659,
327.083


 100, 38.659,
327.083


 32, 38.659,
327.083

 62, 38.659,
327.083


 22, 38.659,
327.083

 72, 38.659,
327.083

 12, 38.659,
327.083

 82, 38.659,
327.083

 2, 38.659, 327.083

 92, 38.659,
327.083

 0, 38.659, 327.083

 42, 38.659,

 42, 38.659,

327.083

327.083

■ 39, 47.180,
327.550

■ 45, 29.576,
326.580

■ 37, 54.818,
327.965

■ 49, 20.204,
326.054

■ 35, 61.228,
328.317

■ 52, 10.747,
325.512

■ 33, 66.105,
328.597

■ 56, 1.350, 324.853

■ 32, 69.277,
328.801

■ 60, 7.889, 144.500

■ 31, 71.124,
328.938

■ 63, 16.911,
143.980

■ 67, 25.684,
143.488

■ 71, 34.191,
143.023

■ 75, 42.431,
142.583

Harmonies

Complementary

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



42, 38.659, 327.083



51, 38.738, 141.865

Rectangle

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



42, 38.659, 327.083



42, 38.659, 17.083



42, 38.659, 147.083



42, 38.659, 197.083

Sweetspot

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



42, 38.657, 327.083



66, 13.987, 325.557



36, 34.759, 296.041



34, 9.355, 325.617



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



42, 38.657, 327.083



51, 56.924, 327.535



41, 27.947, 348.632



26, 5.208, 325.383



30, 69.177, 328.935



0, 1.241, 324.918

Inverse Universe

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



42, 38.657, 327.083



51, 56.924, 327.535



52, 26.535, 160.567



26, 5.208, 325.383



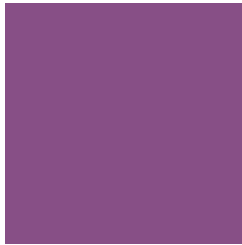
30, 69.177, 328.935



0, 1.241, 324.918

Previews

White Background



This preview shows how the CIELCh color 42, 38.659, 327.083 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, 38.659, 327.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

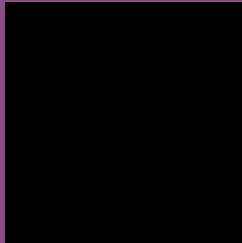
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 38.659, 327.083

Background



This preview shows how black text looks on a background with the CIELCh color 42, 38.659, 327.083.



This preview shows how white text looks on a background with the CIELCh color 42, 38.659, 327.083.

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, 38.659, 327.083

Protanopia

42, 30.954, 285.131

Deuteranopia

42, 19.985, 286.917



Tritanopia
42, 18.611, 11.098

Trichromacy



Original Color
42, 38.659, 327.083

Protanomaly
42, 32.376, 300.725

Deuteranomaly
42, 25.717, 307.684

Tritanomaly
42, 23.950, 346.325

Monochromacy



Original Color
42, 38.659, 327.083

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 14.539, 325.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 38.659, 327.083 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(135, 79, 134)` looks like.

```
.text, #text, p{  
    color:rgb(135, 79, 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(135, 79, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 79, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 38.659, 327.083 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(135, 79, 134) }
```

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

```
.border{ border-color:rgb(135, 79, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 79, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 79, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 79, 134); box-shadow:4px 4px 4px 4px rgb(135, 79, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 38.659, 327.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 79, 134) }
```

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

```
.background{ background-color: rgb(135, 79,  
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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