

Converting Colors

CIELCh(42, 34.722, 344.293)

Have a look what the booklet for
CIELCh(42, 34.722, 344.293)
contains.

CIELCh(42, 34.519, 344.444)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(42, 34.519, 344.444)

Conversions

Conversions Part 1

Format	Color
Hex	904D73
RGB	144, 77, 115
RGB Percent	56%, 30%, 45%
CMY	0.4349, 0.6976, 0.5486
CMYK	0.00, 0.46, 0.20, 0.43
HSL	326°, 30%, 43%
HSV	326°, 46%, 57%
XYZ	17.2806, 12.5000, 17.7509
YIQ	101.3650, 27.7340, 26.0220

Conversions

Conversions Part 2

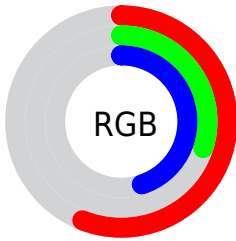
Format	Color
RYB	144, 77, 115
Decimal	9457011
CIELab	42.00, 33.25, -9.26
CIElCh	42, 34.519, 344.444
Yxy	12.5000, 0.3636, 0.2630
Android (android.graphics.Color)	4287647091 (0xFF904D73)
YUV	101.3650, 6.7221, 37.3909
Hunter-Lab	35.3553, 25.3735, -5.0192

Details

The CIELCh color $42, 34.519, 344.444$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 33.383, 155.752$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 34.331, 344.306$, and $22, 34.845, 344.624$ is the 20% darker color. If you saturate the color by 10%, you get $39, 41.204, 345.716$, and if you desaturate by 10%, it is $45, 27.292, 343.341$.

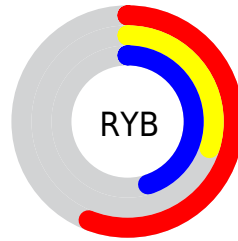
Distribution



Red (56%)

Green (30%)

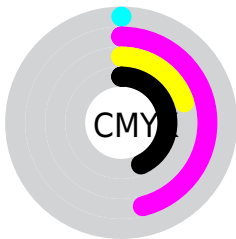
Blue (45%)



Red (56%)

Yellow (30%)

Blue (45%)

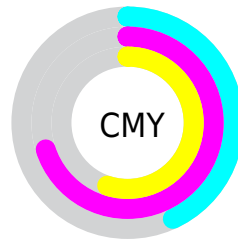


Cyan (0%)

Magenta (46%)

Yellow (20%)

Black (43%)



Cyan (43%)

Magenta (70%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 34.519, 344.444 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, 34.519, 344.444 by changing the saturation by 10% instead.

 42, 34.519,
344.444

 42, 34.519,
344.444


 100, 34.519,
344.444

 32, 34.519,
344.444

 62, 34.519,
344.444

 22, 34.519,
344.444

 72, 34.519,
344.444

 12, 34.519,
344.444

 82, 34.519,
344.444

 2, 34.519, 344.444

 92, 34.519,
344.444

 0, 34.519, 344.444

 42, 34.519,

 42, 34.519,

344.444

344.444

39, 41.204,
345.716

45, 27.292,
343.341

36, 47.011,
347.215

49, 19.806,
342.360

34, 51.574,
349.030

53, 12.258,
341.471

32, 54.599,
351.275

57, 4.783, 340.630

31, 56.100,
354.036

61, 2.537, 160.074

65, 9.656, 159.305

31, 56.555,
355.037

70, 16.553,
158.659

74, 23.223,
158.065

78, 29.669,

Harmonies

Complementary

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



42, 34.519, 344.444



55, 33.383, 155.752

Rectangle

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



42, 34.519, 344.444



42, 34.519, 34.444



42, 34.519, 164.444



42, 34.519, 214.444

Sweetspot

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



42, 34.517, 344.445



69, 12.795, 341.283



38, 42.136, 308.747



35, 8.918, 341.449



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, 34.517, 344.445



50, 50.248, 345.805



41, 30.202, 18.040



28, 4.136, 340.857



29, 54.029, 354.817



1, 2.768, 340.202

Inverse Universe

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



42, 34.517, 344.445



50, 50.248, 345.805



55, 23.014, 189.155



28, 4.136, 340.857



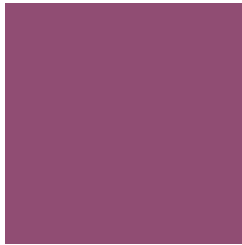
29, 54.029, 354.817



1, 2.768, 340.202

Previews

White Background



This preview shows how the CIELCh color 42, 34.519, 344.444 looks on a white background.

Color Contrast Check

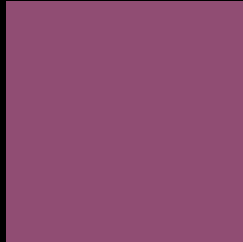
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.519, 344.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

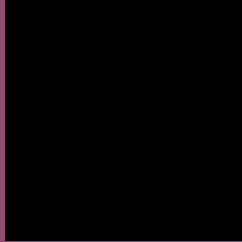
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 34.519, 344.444

Background



This preview shows how black text looks on a background with the CIELCh color 42, 34.519, 344.444.



This preview shows how white text looks on a background with the CIELCh color 42, 34.519, 344.444.

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, 34.519, 344.444

Protanopia

42, 18.835, 284.154

Deuteranopia

42, 9.530, 308.486



Tritanopia
42, 26.359, 15.785

Trichromacy



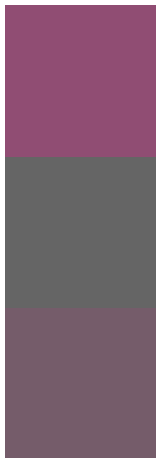
Original Color
42, 34.519, 344.444

Protanomaly
42, 21.926, 312.272

Deuteranomaly
42, 18.167, 332.250

Tritanomaly
42, 28.272, 1.924

Monochromacy



Original Color
42, 34.519, 344.444

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 13.364, 342.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 34.519, 344.444 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(144, 77, 115)` looks like.

```
.text, #text, p{  
    color:rgb(144, 77, 115)  
}
```

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(144, 77, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 77, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 34.519, 344.444 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(144, 77, 115) }
```

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

```
.border{ border-color:rgb(144, 77, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 77, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 77, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 77, 115);  
box-shadow:4px 4px 4px 4px rgb(144, 77,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 34.519, 344.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 77, 115) }
```

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

```
.background{ background-color: rgb(144, 77,  
115) }
```

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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