

Converting Colors

CIELCh(42, 33.817, 340.162)

Have a look what the booklet for
CIELCh(42, 33.817, 340.162)
contains.

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Color

CIELCh(42, 33.761, 340.097)

Conversions

Conversions Part 1

Format	Color
Hex	8D4F77
RGB	141, 79, 119
RGB Percent	55%, 31%, 47%
CMY	0.4485, 0.6915, 0.5347
CMYK	0.00, 0.44, 0.16, 0.45
HSL	321°, 28%, 43%
HSV	321°, 44%, 55%
XYZ	17.0057, 12.5000, 18.8632
YIQ	102.0980, 24.1120, 25.5840

Conversions

Conversions Part 2

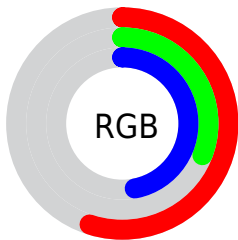
Format	Color
R_{YB}	141, 79, 119
Decimal	9260919
CIE _{Lab}	42.00, 31.74, -11.49
CIE _{LCh}	42, 33.761, 340.097
Yxy	12.5000, 0.3516, 0.2584
Android (android.graphics.Color)	4287450999 (0xFF8D4F77)
YUV	102.0980, 8.3327, 34.1171
Hunter-Lab	35.3553, 23.9856, -6.8844

Details

The CIELCh color $42, 33.761, 340.097$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 33.152, 152.638$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 33.521, 340.382$, and $22, 33.890, 339.705$ is the 20% darker color. If you saturate the color by 10%, you get $39, 40.730, 341.119$, and if you desaturate by 10%, it is $45, 26.283, 339.179$.

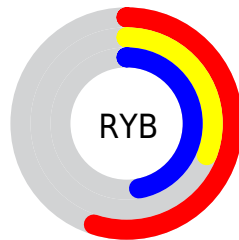
Distribution



Red (55%)

Green (31%)

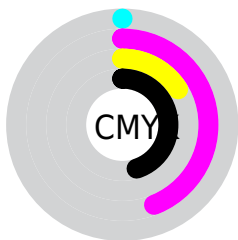
Blue (47%)



Red (55%)

Yellow (31%)

Blue (47%)

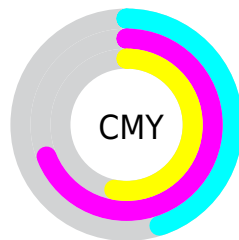


Cyan (0%)

Magenta (44%)

Yellow (16%)

Black (45%)



Cyan (45%)


Magenta (69%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 33.761, 340.097 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, 33.761, 340.097 by changing the saturation by 10% instead.


 42, 33.761,
340.097


 42, 33.761,
340.097


 100, 33.761,
340.097


 32, 33.761,
340.097

 62, 33.761,
340.097


 22, 33.761,
340.097

 72, 33.761,
340.097

 12, 33.761,
340.097


 82, 33.761,
340.097

 2, 33.761, 340.097

 92, 33.761,
340.097

 0, 33.761, 340.097

 42, 33.761,

 42, 33.761,

340.097

340.097

39, 40.730,
341.119

45, 26.283,
339.179

36, 46.866,
342.280

49, 18.564,
338.339

34, 51.802,
343.634

53, 10.791,
337.557

32, 55.215,
345.257

57, 3.091, 336.776

61, 4.456, 156.256

31, 56.946,
347.236

65, 11.807,
155.590

30, 57.638,
348.496

69, 18.940,
154.993

73, 25.849,
154.437

■ 77, 32.539,
153.916

Harmonies

Complementary

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



42, 33.761, 340.097



54, 33.152, 152.638

Rectangle

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



42, 33.761, 340.097



42, 33.761, 30.097



42, 33.761, 160.097



42, 33.761, 210.097

Sweetspot

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



42, 33.759, 340.098



68, 12.395, 337.497



38, 38.836, 306.489



35, 8.655, 337.649



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



42, 33.759, 340.098



51, 49.624, 341.128



41, 27.773, 12.505



28, 4.371, 337.187



29, 56.035, 348.394



1, 2.929, 336.582

Inverse Universe

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



42, 33.759, 340.098



51, 49.624, 341.128



54, 22.428, 183.323



28, 4.371, 337.187



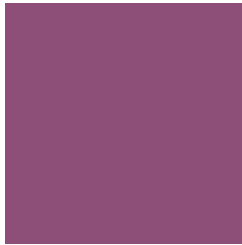
29, 56.035, 348.394



1, 2.929, 336.582

Previews

White Background



This preview shows how the CIELCh color 42, 33.761, 340.097 looks on a white background.

Color Contrast Check

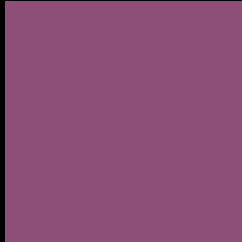
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.761, 340.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

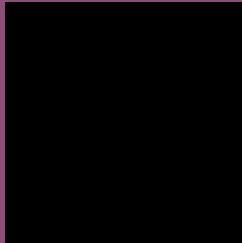
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 33.761, 340.097

Background



This preview shows how black text looks on a background with the CIELCh color 42, 33.761, 340.097.



This preview shows how white text looks on a background with the CIELCh color 42, 33.761, 340.097.

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, 33.761, 340.097

Protanopia

42, 21.238, 285.637

Deuteranopia

42, 11.099, 301.916



Tritanopia
42, 24.044, 13.184

Trichromacy



Original Color
42, 33.761, 340.097

Protanomaly
42, 23.416, 309.055

Deuteranomaly
42, 18.859, 325.598

Tritanomaly
42, 26.412, 358.397

Monochromacy



Original Color
42, 33.761, 340.097

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 12.389, 338.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 33.761, 340.097 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(141, 79, 119)` looks like.

```
.text, #text, p{  
    color:rgb(141, 79, 119)  
}
```

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(141, 79, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 79, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 33.761, 340.097 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(141, 79, 119) }
```

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

```
.border{ border-color:rgb(141, 79, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 79, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 79, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 79, 119);  
box-shadow:4px 4px 4px 4px rgb(141, 79,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 33.761, 340.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 79, 119) }
```

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

```
.background{ background-color: rgb(141, 79,  
119) }
```

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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