

Converting Colors

CIELCh(42, 34.118, 345.003)

Have a look what the booklet for
CIELCh(42, 34.118, 345.003)
contains.

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Color

CIELCh(42, 34.218, 345.278)

Conversions

Conversions Part 1

Format	Color
Hex	904D72
RGB	144, 77, 114
RGB Percent	56%, 30%, 45%
CMY	0.4345, 0.6973, 0.5522
CMYK	0.00, 0.46, 0.21, 0.43
HSL	327°, 30%, 43%
HSV	327°, 46%, 57%
XYZ	17.2514, 12.5000, 17.4787
YIQ	101.2510, 28.0550, 25.7110

Conversions

Conversions Part 2

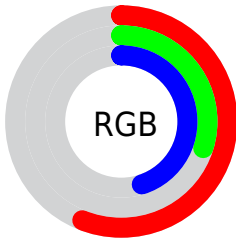
Format	Color
R_{YB}	144, 77, 114
Decimal	9457010
CIE Lab	42.00, 33.09, -8.70
CIE LCh	42, 34.218, 345.278
Yxy	12.5000, 0.3653, 0.2647
Android (android.graphics.Color)	4287647090 (0xFF904D72)
YUV	101.2510, 6.2853, 37.4909
Hunter-Lab	35.3553, 25.2258, -4.5625

Details

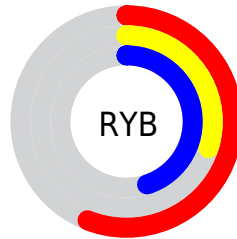
The CIELCh color $42, 34.218, 345.278$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 32.972, 156.458$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 34.038, 345.081$, and $22, 34.540, 345.548$ is the 20% darker color. If you saturate the color by 10%, you get $39, 40.870, 346.593$, and if you desaturate by 10%, it is $46, 27.037, 344.143$.

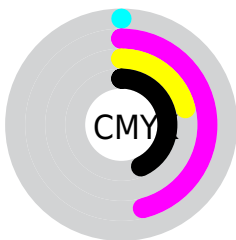
Distribution



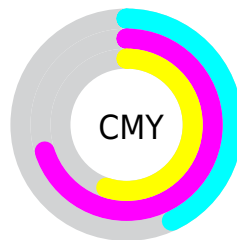
- Red (56%)
- Green (30%)
- Blue (45%)



- Red (56%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (46%)
- Yellow (21%)
- Black (43%)





- Cyan (43%)
- Magenta (70%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 34.218, 345.278 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, 34.218, 345.278 by changing the saturation by 10% instead.


 42, 34.218,
345.278

 42, 34.218,
345.278


 100, 34.218,
345.278

 32, 34.218,
345.278

 62, 34.218,
345.278


 22, 34.218,
345.278

 72, 34.218,
345.278

 12, 34.218,
345.278

 82, 34.218,
345.278

 2, 34.218, 345.278

 92, 34.218,
345.278

 0, 34.218, 345.278

 42, 34.218,

 42, 34.218,

345.278

39, 40.870,
346.593

36, 46.659,
348.151

34, 51.221,
350.046

32, 54.266,
352.398

31, 55.807,
355.296

31, 56.283,
356.353

345.278

46, 27.037,
344.143

49, 19.607,
343.138

53, 12.123,
342.230

57, 4.718, 341.375

61, 2.529, 160.812

66, 9.572, 160.034

70, 16.391,
159.381

74, 22.983,
158.781

78, 29.352,

Harmonies

Complementary

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



42, 34.218, 345.278



55, 32.972, 156.458

Rectangle

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



42, 34.218, 345.278



42, 34.218, 35.278



42, 34.218, 165.278



42, 34.218, 215.278

Sweetspot

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



42, 34.216, 345.279



69, 12.806, 342.043



39, 42.193, 309.265



35, 8.828, 342.210



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, 34.216, 345.279



51, 50.382, 346.696



41, 30.287, 19.286



28, 4.094, 341.607



29, 53.740, 356.120



1, 2.738, 340.943

Inverse Universe

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



42, 34.216, 345.279



51, 50.382, 346.696



56, 22.828, 190.745



28, 4.094, 341.607



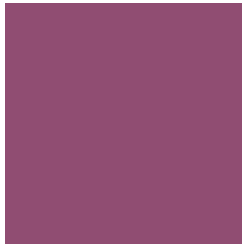
29, 53.740, 356.120



1, 2.738, 340.943

Previews

White Background



This preview shows how the CIELCh color 42, 34.218, 345.278 looks on a white background.

Color Contrast Check

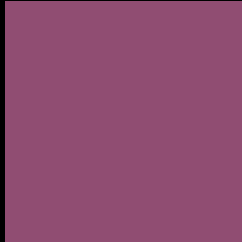
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.218, 345.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

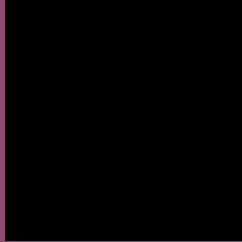
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 42, 34.218, 345.278

Background



This preview shows how black text looks on a background with the CIELCh color 42, 34.218, 345.278.



This preview shows how white text looks on a background with the CIELCh color 42, 34.218, 345.278.

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, 34.218, 345.278

Protanopia

42, 18.202, 284.838

Deuteranopia

42, 8.956, 309.600



Tritanopia
42, 26.801, 15.990

Trichromacy



Original Color
42, 34.218, 345.278

Protanomaly
42, 21.491, 313.795

Deuteranomaly
42, 17.736, 333.552

Tritanomaly
42, 28.663, 2.333

Monochromacy



Original Color
42, 34.218, 345.278

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, 34.218, 345.278 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(144, 77, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 77, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 34.218, 345.278 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, 114) }
```

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

```
.border{ border-color:rgb(144, 77, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 77, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 77, 114);  
box-shadow:4px 4px 4px 4px rgb(144, 77,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 34.218, 345.278 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, 114) }
```

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

```
.background{ background-color: rgb(144, 77,  
114) }
```

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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