

Converting Colors

CIELCh(42, 34.611, 341.778)

Have a look what the booklet for
CIELCh(42, 34.611, 341.778)
contains.

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Color

CIELCh(42, 34.580, 341.747)

Conversions

Conversions Part 1

Format	Color
Hex	8F4E76
RGB	143, 78, 118
RGB Percent	56%, 31%, 46%
CMY	0.4408, 0.6955, 0.5387
CMYK	0.00, 0.46, 0.18, 0.44
HSL	323°, 29%, 43%
HSV	323°, 46%, 56%
XYZ	17.2049, 12.5000, 18.5290
YIQ	101.9950, 25.9000, 26.2200

Conversions

Conversions Part 2

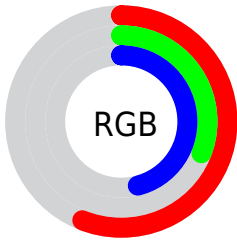
Format	Color
R_{YB}	143, 78, 118
Decimal	9391734
CIE Lab	42.00, 32.84, -10.83
CIE LCh	42, 34.580, 341.747
Yxy	12.5000, 0.3567, 0.2592
Android (android.graphics.Color)	4287581814 (0xFF8F4E76)
YUV	101.9950, 7.8905, 35.9614
Hunter-Lab	35.3553, 24.9910, -6.3240

Details

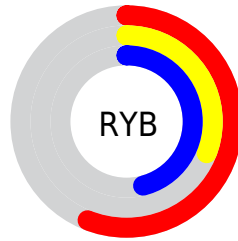
The CIELCh color $42, 34.580, 341.747$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 33.786, 153.706$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 34.358, 341.848$, and $22, 34.526, 341.691$ is the 20% darker color. If you saturate the color by 10%, you get $39, 41.419, 342.866$, and if you desaturate by 10%, it is $45, 27.198, 340.757$.

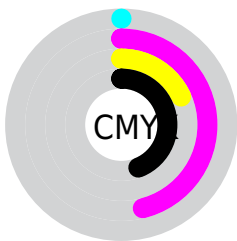
Distribution



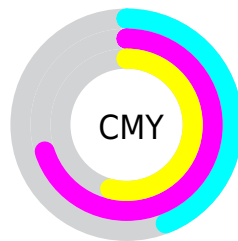
- Red (56%)
- Green (31%)
- Blue (46%)



- Red (56%)
- Yellow (31%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (70%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 34.580, 341.747 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, 34.580, 341.747 by changing the saturation by 10% instead.


 42, 34.580,
341.747


 42, 34.580,
341.747


 100, 34.580,
341.747

 32, 34.580,
341.747

 62, 34.580,
341.747


 22, 34.580,
341.747

 72, 34.580,
341.747

 12, 34.580,
341.747

 82, 34.580,
341.747

 2, 34.580, 341.747

 92, 34.580,
341.747

 0, 34.580, 341.747

 42, 34.580,

 42, 34.580,

341.747

39, 41.419,
342.866

36, 47.381,
344.159

34, 52.097,
345.693

32, 55.257,
347.559

31, 56.792,
349.846

31, 57.320,
350.910

341.747

45, 27.198,
340.757

49, 19.552,
339.861

53, 11.840,
339.037

57, 4.193, 338.242

61, 3.304, 157.698

65, 10.604,
156.989

69, 17.685,
156.371

74, 24.541,
155.798

■ 78, 31.175,
155.263

Harmonies

Complementary

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



42, 34.580, 341.747



54, 33.786, 153.706

Rectangle

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



42, 34.580, 341.747



42, 34.580, 31.747



42, 34.580, 161.747



42, 34.580, 211.747

Sweetspot

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



42, 34.578, 341.748



69, 13.231, 338.937



38, 40.786, 307.643



35, 9.220, 339.093



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, 34.578, 341.748



51, 50.886, 342.941



41, 29.165, 15.332



28, 4.279, 338.534



29, 55.179, 350.756



1, 2.866, 337.911

Inverse Universe

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



42, 34.578, 341.748



51, 50.886, 342.941



55, 22.857, 186.144



28, 4.279, 338.534



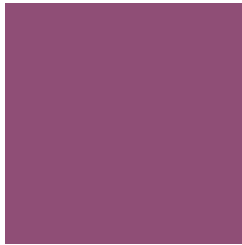
29, 55.179, 350.756



1, 2.866, 337.911

Previews

White Background



This preview shows how the CIE LCh color 42, 34.580, 341.747 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, 34.580, 341.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

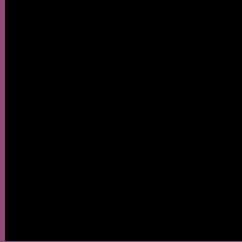
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 34.580, 341.747

Background



This preview shows how black text looks on a background with the CIELCh color 42, 34.580, 341.747.



This preview shows how white text looks on a background with the CIELCh color 42, 34.580, 341.747.

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, 34.580, 341.747

Protanopia

42, 20.645, 285.300

Deuteranopia

42, 10.506, 302.455



Tritanopia
42, 25.423, 15.316

Trichromacy



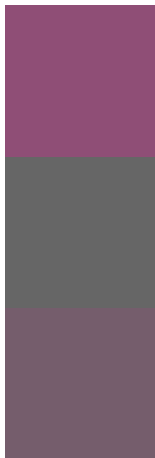
Original Color
42, 34.580, 341.747

Protanomaly
42, 22.944, 310.379

Deuteranomaly
42, 18.598, 327.745

Tritanomaly
42, 27.452, 1.029

Monochromacy



Original Color
42, 34.580, 341.747

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 13.400, 338.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 34.580, 341.747 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(143, 78, 118)` looks like.

```
.text, #text, p{  
    color:rgb(143, 78, 118)  
}
```

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(143, 78, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 78, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 34.580, 341.747 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(143, 78, 118) }
```

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

```
.border{ border-color:rgb(143, 78, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 78, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 78, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 78, 118); box-shadow:4px 4px 4px 4px rgb(143, 78, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 34.580, 341.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 78, 118) }
```

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

```
.background{ background-color: rgb(143, 78,  
118) }
```

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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