

Converting Colors

CIELCh(41, 36.455, 348.964)

Have a look what the booklet for
CIELCh(41, 36.455, 348.964)
contains.

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Color

CIELCh(41, 36.426, 348.917)

Conversions

Conversions Part 1

Format	Color
Hex	92486D
RGB	146, 72, 109
RGB Percent	57%, 28%, 43%
CMY	0.4272, 0.7174, 0.5723
CMYK	0.00, 0.51, 0.25, 0.43
HSL	330°, 34%, 43%
HSV	330°, 51%, 57%
XYZ	16.9500, 11.8645, 15.8812
YIQ	98.3440, 32.2270, 27.1950

Conversions

Conversions Part 2

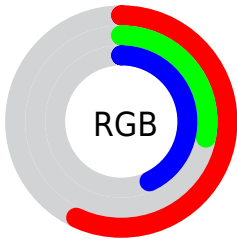
Format	Color
R_{YB}	146, 72, 109
Decimal	9586797
CIE _{Lab}	41.00, 35.75, -7.00
CIE _{LCh}	41, 36.426, 348.917
Yxy	11.8645, 0.3792, 0.2655
Android (android.graphics.Color)	4287776877 (0xFF92486D)
YUV	98.3440, 5.2534, 41.7943
Hunter-Lab	34.4449, 27.5592, -3.2249

Details

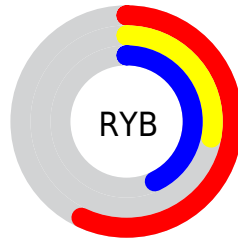
The CIELCh color $41, 36.426, 348.917$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $55, 34.518, 158.480$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 36.323, 349.403$, and $21, 36.558, 348.558$ is the 20% darker color. If you saturate the color by 10%, you get $38, 42.733, 350.506$, and if you desaturate by 10%, it is $44, 29.496, 347.581$.

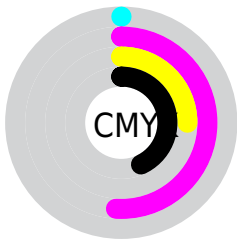
Distribution



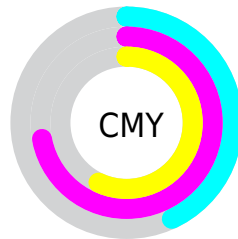
- Red (57%)
- Green (28%)
- Blue (43%)



- Red (57%)
- Yellow (28%)
- Blue (43%)



- Cyan (0%)
- Magenta (51%)
- Yellow (25%)
- Black (43%)





- Cyan (43%)
- Magenta (72%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 36.426, 348.917 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 41, 36.426, 348.917 by changing the saturation by 10% instead.


 41, 36.426,
348.917


 41, 36.426,
348.917


 100, 36.426,
348.917


 31, 36.426,
348.917

 61, 36.426,
348.917


 21, 36.426,
348.917

 71, 36.426,
348.917


 11, 36.426,
348.917


 81, 36.426,
348.917

 1, 36.426, 348.917

 91, 36.426,
348.917

 0, 36.426, 348.917

 41, 36.426,

 41, 36.426,

348.917

38, 42.733,
350.506

35, 48.071,
352.437

33, 52.100,
354.838

32, 54.610,
357.857

31, 56.036, 1.136

348.917

44, 29.496,
347.581

48, 22.249,
346.426

52, 14.904,
345.407

56, 7.614, 344.483

60, 0.472, 343.026

65, 6.467, 163.011

69, 13.180,
162.301

73, 19.659,
161.660

77, 25.909,

Harmonies

Complementary

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



41, 36.426, 348.917



55, 34.518, 158.480

Rectangle

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



41, 36.426, 348.917



41, 36.426, 38.917



41, 36.426, 168.917



41, 36.426, 218.917

Sweetspot

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



41, 36.424, 348.918



69, 13.266, 344.903



38, 46.856, 311.570



35, 9.038, 345.076



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



41, 36.424, 348.918



49, 52.718, 350.783



40, 34.334, 24.990



29, 4.068, 344.352



29, 53.708, 0.891



1, 3.519, 343.650

Inverse Universe

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



41, 36.424, 348.918



49, 52.718, 350.783



56, 23.969, 197.191



29, 4.068, 344.352



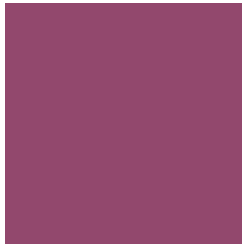
29, 53.708, 0.891



1, 3.519, 343.650

Previews

White Background



This preview shows how the CIELCh color 41, 36.426, 348.917 looks on a white background.

Color Contrast Check

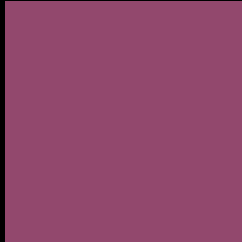
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 36.426, 348.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

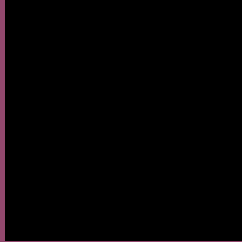
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 36.426, 348.917

Background



This preview shows how black text looks on a background with the CIELCh color 41, 36.426, 348.917.



This preview shows how white text looks on a background with the CIELCh color 41, 36.426, 348.917.

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

41, 36.426, 348.917

Protanopia

41, 17.662, 285.688

Deuteranopia

41, 6.925, 319.187



Tritanopia
41, 30.178, 17.578

Trichromacy



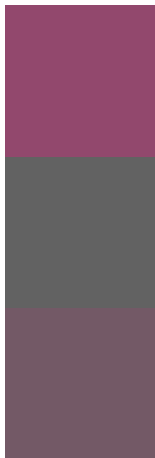
Original Color
41, 36.426, 348.917

Protanomaly
40, 21.505, 317.420

Deuteranomaly
41, 17.486, 341.002

Tritanomaly
41, 31.571, 6.308

Monochromacy



Original Color
41, 36.426, 348.917

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 13.421, 345.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 36.426, 348.917 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(146, 72, 109)` looks like.

```
.text, #text, p{  
    color:rgb(146, 72, 109)  
}
```

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(146, 72, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 72, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 36.426, 348.917 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(146, 72, 109) }
```

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

```
.border{ border-color:rgb(146, 72, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 72, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 72, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 72, 109);  
box-shadow:4px 4px 4px 4px rgb(146, 72,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 36.426, 348.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 72, 109) }
```

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

```
.background{ background-color: rgb(146, 72,  
109) }
```

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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