

Converting Colors

CIELCh(42, 36.866, 354.106)

Have a look what the booklet for
CIELCh(42, 36.866, 354.106)
contains.

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Color

CIELCh(42, 37.074, 354.471)

Conversions

Conversions Part 1

Format	Color
Hex	98496A
RGB	152, 73, 106
RGB Percent	60%, 29%, 42%
CMY	0.4036, 0.7134, 0.5840
CMYK	0.00, 0.52, 0.30, 0.40
HSL	335°, 35%, 44%
HSV	335°, 52%, 60%
XYZ	17.9567, 12.5000, 15.1216
YIQ	100.3830, 36.4910, 27.0110

Conversions

Conversions Part 2

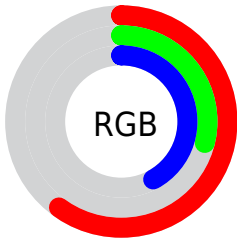
Format	Color
R_{YB}	152, 73, 106
Decimal	9980266
CIE Lab	42.00, 36.90, -3.57
CIE LCh	42, 37.074, 354.471
Yxy	12.5000, 0.3940, 0.2743
Android (android.graphics.Color)	4288170346 (0xFF98496A)
YUV	100.3830, 2.7692, 45.2681
Hunter-Lab	35.3553, 28.7870, -0.6098

Details

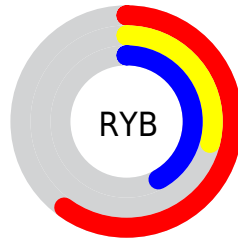
The CIELCh color **42, 37.074, 354.471** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **57, 33.963, 162.811**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 37.011, 354.422**, and **22, 37.183, 354.207** is the 20% darker color. If you saturate the color by 10%, you get **39, 43.429, 356.406**, and if you desaturate by 10%, it is **46, 30.125, 352.881**.

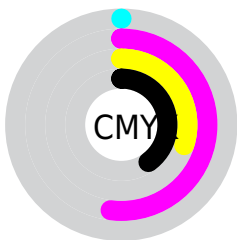
Distribution



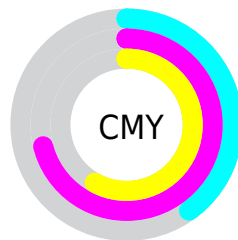
- Red (60%)
- Green (29%)
- Blue (42%)



- Red (60%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (52%)
- Yellow (30%)
- Black (40%)





- Cyan (40%)
- Magenta (71%)
- Yellow (58%)
- Black (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 37.074, 354.471 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, 37.074, 354.471 by changing the saturation by 10% instead.


 42, 37.074,
354.471


 42, 37.074,
354.471


 100, 37.074,
354.471


 32, 37.074,
354.471

 62, 37.074,
354.471


 22, 37.074,
354.471

 72, 37.074,
354.471

 12, 37.074,
354.471

 82, 37.074,
354.471

 2, 37.074, 354.471

 92, 37.074,
354.471

 0, 37.074, 354.471

 42, 37.074,

 42, 37.074,

354.471

354.471

39, 43.429,
356.406

46, 30.125,
352.881

36, 48.849,
358.807

49, 22.890,
351.541

34, 53.019, 1.833

53, 15.591,
350.384

33, 55.792, 5.645

58, 8.380, 349.359

32, 57.467, 9.110

62, 1.349, 348.243

66, 5.452, 167.768

71, 12.003,
167.003

75, 18.302,
166.327

80, 24.357,

Harmonies

Complementary

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



42, 37.074, 354.471



57, 33.963, 162.811

Rectangle

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



42, 37.074, 354.471



42, 37.074, 44.471



42, 37.074, 174.471



42, 37.074, 224.471

Sweetspot

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



42, 37.072, 354.472



72, 14.048, 349.795



39, 49.945, 313.696



36, 9.483, 349.986



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



42, 37.072, 354.472



50, 53.912, 356.691



42, 34.698, 29.573



30, 3.968, 349.093



29, 54.150, 8.715



1, 4.213, 348.761

Inverse Universe

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



42, 37.072, 354.472



50, 53.912, 356.691



57, 23.527, 204.730



30, 3.968, 349.093



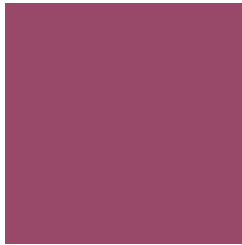
29, 54.150, 8.715



1, 4.213, 348.761

Previews

White Background



This preview shows how the CIELCh color 42, 37.074, 354.471 looks on a white background.

Color Contrast Check

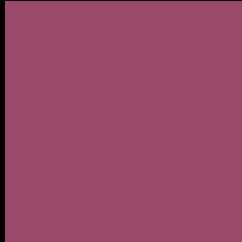
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.074, 354.471 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, 37.074, 354.471

Background



This preview shows how black text looks on a background with the CIELCh color 42, 37.074, 354.471.



This preview shows how white text looks on a background with the CIELCh color 42, 37.074, 354.471.

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, 37.074, 354.471

Protanopia

42, 14.559, 284.953

Deuteranopia

42, 5.506, 346.964



Tritanopia
42, 32.417, 19.408

Trichromacy



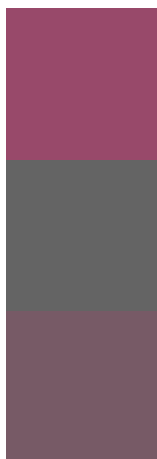
Original Color
42, 37.074, 354.471

Protanomaly
42, 19.149, 323.527

Deuteranomaly
42, 17.548, 351.183

Tritanomaly
42, 33.479, 9.870

Monochromacy



Original Color
42, 37.074, 354.471

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 14.158, 350.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 37.074, 354.471 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(152, 73, 106)` looks like.

```
.text, #text, p{  
    color:rgb(152, 73, 106)  
}
```

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(152, 73, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 73, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 37.074, 354.471 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(152, 73, 106) }
```

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

```
.border{ border-color:rgb(152, 73, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 73, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 73, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 73, 106);  
box-shadow:4px 4px 4px 4px rgb(152, 73,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 37.074, 354.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 73, 106) }
```

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

```
.background{ background-color: rgb(152, 73,  
106) }
```

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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