

Converting Colors

CIELCh(42, 47.964, 326.249)

Have a look what the booklet for
CIELCh(42, 47.964, 326.249)
contains.

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Color

CIELCh(42, 48.124, 326.103)

Conversions

Conversions Part 1

Format	Color
Hex	8E4990
RGB	142, 73, 144
RGB Percent	56%, 29%, 56%
CMY	0.4436, 0.7142, 0.4358
CMYK	0.01, 0.49, 0.00, 0.44
HSL	298°, 33%, 43%
HSV	298°, 49%, 56%
XYZ	18.5342, 12.5000, 27.7733
YIQ	101.7250, 18.3330, 36.7090

Conversions

Conversions Part 2

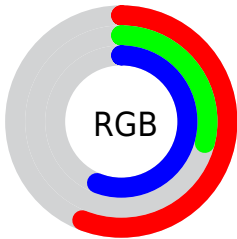
Format	Color
RYB	142, 73, 144
Decimal	9324944
CIELab	42.00, 39.94, -26.84
CIElCh	42, 48.124, 326.103
Yxy	12.5000, 0.3152, 0.2126
Android (android.graphics.Color)	4287515024 (0xFF8E4990)
YUV	101.7250, 20.8416, 35.3212
Hunter-Lab	35.3553, 31.7028, -21.8263

Details

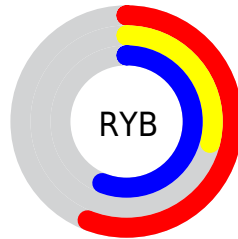
The CIELCh color $42, 48.124, 326.103$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 48.219, 140.008$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 48.178, 326.042$, and $22, 48.146, 326.419$ is the 20% darker color. If you saturate the color by 10%, you get $39, 56.489, 326.486$, and if you desaturate by 10%, it is $45, 38.915, 325.662$.

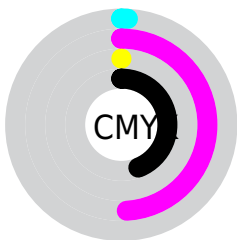
Distribution



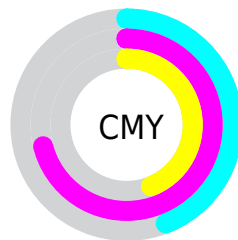
- Red (56%)
- Green (29%)
- Blue (56%)



- Red (56%)
- Yellow (29%)
- Blue (56%)



- Cyan (1%)
- Magenta (49%)
- Yellow (0%)
- Black (44%)





- Cyan (44%)
- Magenta (71%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 48.124, 326.103 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, 48.124, 326.103 by changing the saturation by 10% instead.


 42, 48.124,
326.103

 42, 48.124,
326.103


 100, 48.124,
326.103


 32, 48.124,
326.103

 62, 48.124,
326.103


 22, 48.124,
326.103

 72, 48.124,
326.103

 12, 48.124,
326.103

 82, 48.124,
326.103

 2, 48.124, 326.103

 92, 48.124,
326.103

 0, 48.124, 326.103

 42, 48.124,

 42, 48.124,

326.103

39, 56.489,
326.486

37, 63.645,
326.791

35, 69.242,
327.004

34, 73.048,
327.113

33, 75.406,
327.142

33, 75.556,
327.144

326.103

45, 38.915,
325.662

49, 29.201,
325.180

52, 19.248,
324.672

56, 9.255, 324.148

60, 0.641, 143.966

64, 10.350,
143.176

68, 19.818,
142.683

72, 29.017,
142.218

■ 76, 37.936,
141.779

Harmonies

Complementary

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



42, 48.124, 326.103



54, 48.219, 140.008

Rectangle

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



42, 48.124, 326.103



42, 48.124, 16.103



42, 48.124, 146.103



42, 48.124, 196.103

Sweetspot

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



42, 48.122, 326.103



68, 18.395, 324.463



35, 42.693, 295.850



35, 12.658, 324.561



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, 48.122, 326.103



50, 69.114, 326.516



41, 35.745, 346.721



28, 5.559, 324.139



31, 72.194, 327.150



1, 3.733, 323.687

Inverse Universe

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



40, 32.617, 22.684



47, 49.294, 25.146



54, 34.245, 156.992



28, 3.246, 17.602



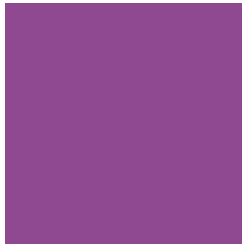
27, 63.233, 37.680



0, 2.124, 17.058

Previews

White Background



This preview shows how the CIELCh color 42, 48.124, 326.103 looks on a white background.

Color Contrast Check

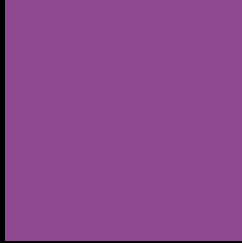
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.124, 326.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

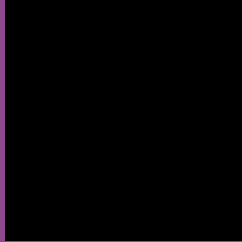
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 48.124, 326.103

Background



This preview shows how black text looks on a background with the CIELCh color 42, 48.124, 326.103.



This preview shows how white text looks on a background with the CIELCh color 42, 48.124, 326.103.

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, 48.124, 326.103

Protanopia

42, 41.200, 286.137

Deuteranopia

42, 24.936, 284.412



Tritanopia
42, 22.250, 12.042

Trichromacy



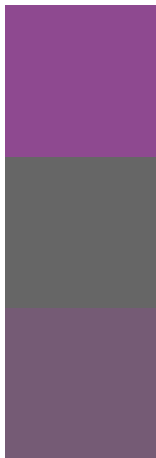
Original Color
42, 48.124, 326.103

Protanomaly
41, 41.977, 299.835

Deuteranomaly
41, 32.195, 305.198

Tritanomaly
42, 29.030, 346.102

Monochromacy



Original Color
42, 48.124, 326.103

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 18.830, 325.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 48.124, 326.103 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(142, 73, 144)` looks like.

```
.text, #text, p{  
    color:rgb(142, 73, 144)  
}
```

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(142, 73, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 73, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 48.124, 326.103 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(142, 73, 144) }
```

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

```
.border{ border-color:rgb(142, 73, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 73, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 73, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 73, 144); box-shadow:4px 4px 4px 4px rgb(142, 73, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 48.124, 326.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 73, 144) }
```

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

```
.background{ background-color: rgb(142, 73,  
144) }
```

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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