

Converting Colors

CIELCh(44, 37.942, 343.959)

Have a look what the booklet for
CIELCh(44, 37.942, 343.959)
contains.

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Color

CIELCh(44, 37.913, 343.924)

Conversions

Conversions Part 1

Format	Color
Hex	994F7A
RGB	153, 79, 122
RGB Percent	60%, 31%, 48%
CMY	0.3989, 0.6892, 0.5206
CMYK	0.00, 0.48, 0.20, 0.40
HSL	325°, 32%, 46%
HSV	325°, 48%, 60%
XYZ	19.5308, 13.8382, 20.1362
YIQ	106.0280, 30.3010, 29.0610

Conversions

Conversions Part 2

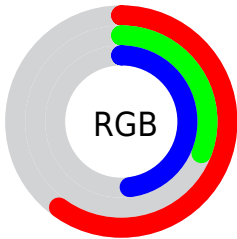
Format	Color
R_{YB}	153, 79, 122
Decimal	10047354
CIE _{Lab}	44.00, 36.43, -10.50
CIE _{LCh}	44, 37.913, 343.924
Yxy	13.8382, 0.3650, 0.2586
Android (android.graphics.Color)	4288237434 (0xFF994F7A)
YUV	106.0280, 7.8742, 41.1944
Hunter-Lab	37.1997, 28.6175, -6.0538

Details

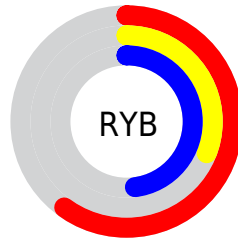
The CIELCh color $44, 37.913, 343.924$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $58, 36.775, 154.855$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 37.997, 344.137$, and $24, 37.992, 344.321$ is the 20% darker color. If you saturate the color by 10%, you get $41, 44.819, 345.202$, and if you desaturate by 10%, it is $48, 30.352, 342.816$.

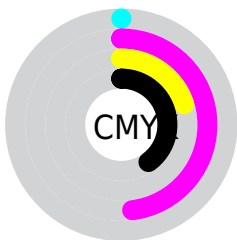
Distribution



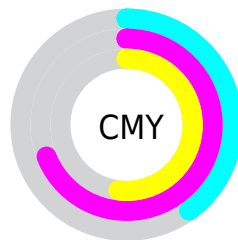
- Red (60%)
- Green (31%)
- Blue (48%)



- Red (60%)
- Yellow (31%)
- Blue (48%)



- Cyan (0%)
- Magenta (48%)
- Yellow (20%)
- Black (40%)




- Cyan (40%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 37.913, 343.924 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 44, 37.913, 343.924 by changing the saturation by 10% instead.


 44, 37.913,
343.924


 44, 37.913,
343.924


 100, 37.913,
343.924


 34, 37.913,
343.924

 64, 37.913,
343.924


 24, 37.913,
343.924


 74, 37.913,
343.924

 14, 37.913,
343.924

 84, 37.913,
343.924

 4, 37.913, 343.924

 94, 37.913,
343.924

 0, 37.913, 343.924

 44, 37.913,

 44, 37.913,

343.924

343.924

41, 44.819,
345.202

48, 30.352,
342.816

38, 50.701,
346.711

51, 22.455,
341.832

36, 55.174,
348.541

56, 14.450,
340.941

34, 57.956,
350.808

60, 6.494, 340.108

64, 1.314, 159.650

33, 59.228,
353.555

68, 8.918, 158.762

33, 59.430,
354.033

73, 16.291,
158.109

77, 23.424,
157.509

82, 30.320,

156.950

Harmonies

Complementary

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



44, 37.913, 343.924



58, 36.775, 154.855

Rectangle

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



44, 37.913, 343.924



44, 37.913, 33.924



44, 37.913, 163.924



44, 37.913, 213.924

Sweetspot

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



44, 37.911, 343.925



73, 13.633, 340.602



40, 46.107, 308.880



37, 9.403, 340.769



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



44, 37.911, 343.925



53, 55.014, 345.319



43, 33.137, 18.445



30, 4.424, 340.185



30, 55.773, 353.754



1, 4.705, 340.002

Inverse Universe

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



44, 37.911, 343.925



53, 55.014, 345.319



59, 24.911, 189.002



30, 4.424, 340.185



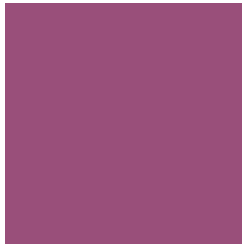
30, 55.773, 353.754



1, 4.705, 340.002

Previews

White Background



This preview shows how the CIELCh color 44, 37.913, 343.924 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 44, 37.913, 343.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

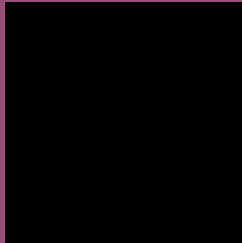
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 37.913, 343.924

Background



This preview shows how black text looks on a background with the CIELCh color 44, 37.913, 343.924.



This preview shows how white text looks on a background with the CIELCh color 44, 37.913, 343.924.

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

44, 37.913, 343.924

Protanopia

44, 21.650, 285.776

Deuteranopia

44, 9.918, 305.275



Tritanopia
44, 28.812, 15.636

Trichromacy



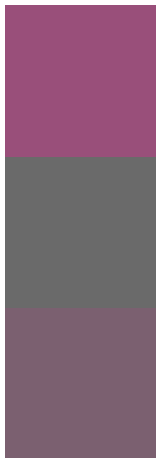
Original Color
44, 37.913, 343.924

Protanomaly
43, 24.951, 312.554

Deuteranomaly
44, 19.634, 329.683

Tritanomaly
44, 30.717, 1.931

Monochromacy



Original Color
44, 37.913, 343.924

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 14.626, 340.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 37.913, 343.924 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(153, 79, 122)` looks like.

```
.text, #text, p{  
    color:rgb(153, 79, 122)  
}
```

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(153, 79, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 79, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 37.913, 343.924 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(153, 79, 122) }
```

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

```
.border{ border-color:rgb(153, 79, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 79, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 79, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 79, 122);  
box-shadow:4px 4px 4px 4px rgb(153, 79,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 37.913, 343.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 79, 122) }
```

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

```
.background{ background-color: rgb(153, 79,  
122) }
```

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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