

Converting Colors

CIELCh(44, 37.008, 333.614)

Have a look what the booklet for
CIELCh(44, 37.008, 333.614)
contains.

CIELCh(44, 37.042, 333.633)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 37.042, 333.633)

Conversions

Conversions Part 1

Format	Color
Hex	915384
RGB	145, 83, 132
RGB Percent	57%, 33%, 52%
CMY	0.4319, 0.6750, 0.4828
CMYK	0.00, 0.43, 0.09, 0.43
HSL	313°, 27%, 45%
HSV	313°, 43%, 57%
XYZ	18.8940, 13.8382, 23.4596
YIQ	107.1240, 21.2230, 28.3830

Conversions

Conversions Part 2

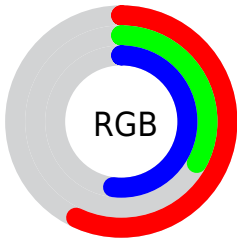
Format	Color
R_{YB}	145, 83, 132
Decimal	9524100
CIE _{Lab}	44.00, 33.19, -16.45
CIE _{LCh}	44, 37.042, 333.633
Yxy	13.8382, 0.3362, 0.2463
Android (android.graphics.Color)	4287714180 (0xFF915384)
YUV	107.1240, 12.2639, 33.2173
Hunter-Lab	37.1997, 25.5620, -11.3507

Details

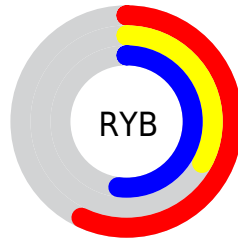
The CIELCh color $44, 37.042, 333.633$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 36.936, 147.371$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 37.000, 333.692$, and $24, 36.669, 334.011$ is the 20% darker color. If you saturate the color by 10%, you get $41, 44.894, 334.349$, and if you desaturate by 10%, it is $47, 28.622, 332.944$.

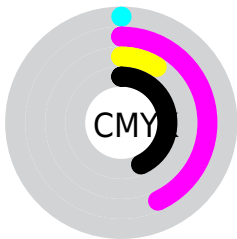
Distribution



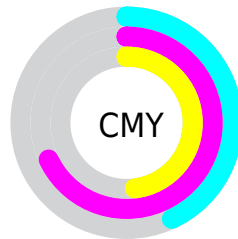
- Red (57%)
- Green (33%)
- Blue (52%)



- Red (57%)
- Yellow (33%)
- Blue (52%)



- Cyan (0%)
- Magenta (43%)
- Yellow (9%)
- Black (43%)





- Cyan (43%)
- Magenta (68%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 37.042, 333.633 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, 37.042, 333.633 by changing the saturation by 10% instead.


 44, 37.042,
333.633


 44, 37.042,
333.633


 100, 37.042,
333.633


 34, 37.042,
333.633

 64, 37.042,
333.633


 24, 37.042,
333.633

 74, 37.042,
333.633

 14, 37.042,
333.633

 84, 37.042,
333.633

 4, 37.042, 333.633

 94, 37.042,
333.633

 0, 37.042, 333.633

 44, 37.042,

 44, 37.042,

333.633

41, 44.894,
334.349

38, 51.839,
335.098

36, 57.496,
335.897

34, 61.527,
336.769

33, 63.739,
337.750

32, 64.670,
338.502

333.633

47, 28.622,
332.944

51, 19.918,
332.277

55, 11.135,
331.628

59, 2.414, 330.934

63, 6.155, 150.488

67, 14.519,
149.903

71, 22.649,
149.363

76, 30.537,
148.854

■ 80, 38.182,
148.373

Harmonies

Complementary

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



44, 37.042, 333.633



55, 36.936, 147.371

Rectangle

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



44, 37.042, 333.633



44, 37.042, 23.633



44, 37.042, 153.633



44, 37.042, 203.633

Sweetspot

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



44, 37.040, 333.633



70, 14.047, 331.660



39, 38.250, 301.741



36, 9.808, 331.789



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



44, 37.040, 333.633



53, 53.898, 334.296



43, 28.227, 1.086



28, 4.848, 331.394



30, 61.545, 338.423



1, 3.253, 330.865

Inverse Universe

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



44, 37.040, 333.633



53, 53.898, 334.296



56, 24.914, 171.637



28, 4.848, 331.394



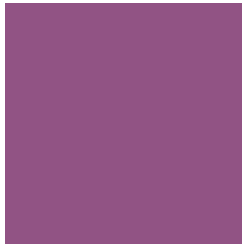
30, 61.545, 338.423



1, 3.253, 330.865

Previews

White Background



This preview shows how the CIELCh color 44, 37.042, 333.633 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, 37.042, 333.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

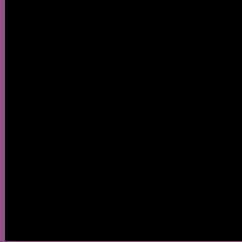
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 37.042, 333.633

Background



This preview shows how black text looks on a background with the CIELCh color 44, 37.042, 333.633.

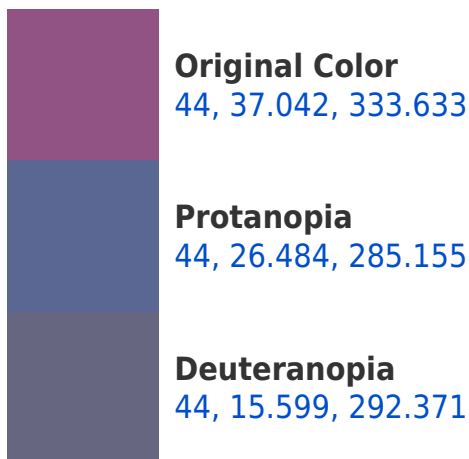


This preview shows how white text looks on a background with the CIELCh color 44, 37.042, 333.633.

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





Tritanopia
44, 22.477, 12.139

Trichromacy



Original Color
44, 37.042, 333.633

Protanomaly
44, 27.669, 305.034

Deuteranomaly
44, 22.306, 316.064

Tritanomaly
44, 26.307, 352.360

Monochromacy



Original Color
44, 37.042, 333.633

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 14.243, 332.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 37.042, 333.633 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(145, 83, 132)` looks like.

```
.text, #text, p{  
    color:rgb(145, 83, 132)  
}
```

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(145, 83, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 83, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 37.042, 333.633 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(145, 83, 132) }
```

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

```
.border{ border-color:rgb(145, 83, 132) }
```

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

Here you see how a box with a 4 pixel rgb(145, 83, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 83, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 83, 132);  
box-shadow:4px 4px 4px 4px rgb(145, 83,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 37.042, 333.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 83, 132) }
```

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

```
.background{ background-color: rgb(145, 83,  
132) }
```

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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