

Converting Colors

CIELCh(44, 42.525, 334.877)

Have a look what the booklet for
CIELCh(44, 42.525, 334.877)
contains.

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Color

CIELCh(44, 42.835, 334.884)

Conversions

Conversions Part 1

Format	Color
Hex	984E87
RGB	152, 78, 135
RGB Percent	60%, 31%, 53%
CMY	0.4045, 0.6946, 0.4711
CMYK	0.00, 0.49, 0.11, 0.40
HSL	314°, 32%, 45%
HSV	314°, 49%, 60%
XYZ	20.0021, 13.8382, 24.4900
YIQ	106.6240, 25.8070, 33.4150

Conversions

Conversions Part 2

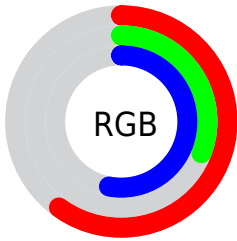
Format	Color
R_{YB}	152, 78, 135
Decimal	9981575
CIE _{Lab}	44.00, 38.78, -18.18
CIE _{LCh}	44, 42.835, 334.884
Yxy	13.8382, 0.3429, 0.2372
Android (android.graphics.Color)	4288171655 (0xFF984E87)
YUV	106.6240, 13.9894, 39.7948
Hunter-Lab	37.1997, 30.8791, -12.9930

Details

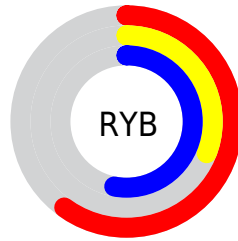
The CIELCh color $44, 42.835, 334.884$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 42.765, 147.345$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 42.420, 335.204$, and $24, 42.592, 335.025$ is the 20% darker color. If you saturate the color by 10%, you get $41, 50.366, 335.665$, and if you desaturate by 10%, it is $47, 34.508, 334.145$.

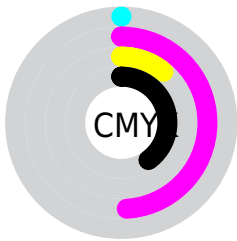
Distribution



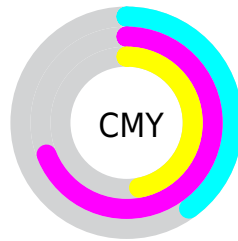
- Red (60%)
- Green (31%)
- Blue (53%)



- Red (60%)
- Yellow (31%)
- Blue (53%)



- Cyan (0%)
- Magenta (49%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 42.835, 334.884 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, 42.835, 334.884 by changing the saturation by 10% instead.

 44, 42.835,
334.884


 44, 42.835,
334.884


 100, 42.835,
334.884

 34, 42.835,
334.884

 64, 42.835,
334.884

 24, 42.835,
334.884

 74, 42.835,
334.884

 14, 42.835,
334.884

 84, 42.835,
334.884

 4, 42.835, 334.884

 94, 42.835,
334.884

 0, 42.835, 334.884

 44, 42.835,

 44, 42.835,

334.884

334.884

41, 50.366,
335.665

47, 34.508,
334.145

38, 56.719,
336.503

51, 25.727,
333.439

36, 61.507,
337.424

55, 16.749,
332.759

35, 64.455,
338.466

59, 7.759, 332.095

34, 65.787,
339.644

63, 1.122, 151.743

68, 9.817, 150.950

34, 65.939,
339.796

72, 18.284,
150.378

76, 26.505,
149.844

81, 34.474,

Harmonies

Complementary

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



44, 42.835, 334.884



57, 42.765, 147.345

Rectangle

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



44, 42.835, 334.884



44, 42.835, 24.884



44, 42.835, 154.884



44, 42.835, 204.884

Sweetspot

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



44, 42.833, 334.884



72, 16.523, 332.531



38, 45.743, 302.926



37, 11.373, 332.660



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, 42.833, 334.884



53, 61.259, 335.698



43, 33.336, 3.416



30, 5.062, 332.130



31, 62.291, 339.695



1, 5.385, 332.060

Inverse Universe

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



44, 42.833, 334.884



53, 61.259, 335.698



58, 28.623, 172.076



30, 5.062, 332.130



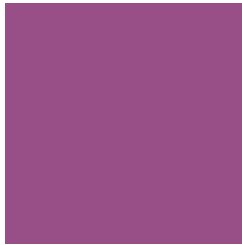
31, 62.291, 339.695



1, 5.385, 332.060

Previews

White Background



This preview shows how the CIELCh color 44, 42.835, 334.884 looks on a white background.

Color Contrast Check

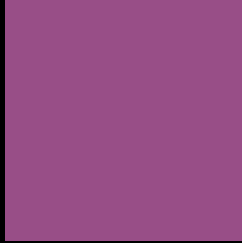
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 42.835, 334.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

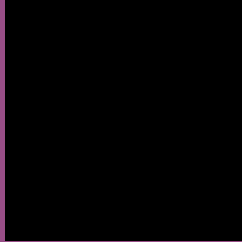
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 42.835, 334.884

Background



This preview shows how black text looks on a background with the CIELCh color 44, 42.835, 334.884.

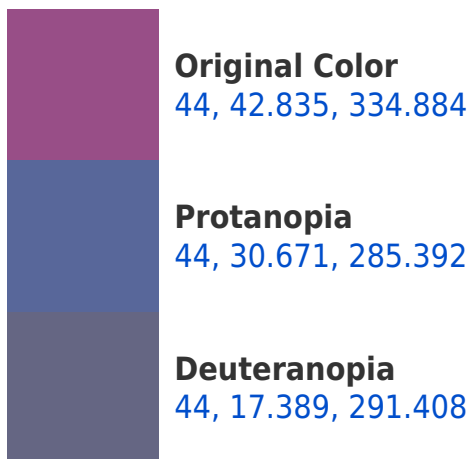


This preview shows how white text looks on a background with the CIELCh color 44, 42.835, 334.884.

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, 26.551, 15.764

Trichromacy



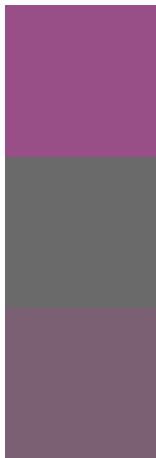
Original Color
44, 42.835, 334.884

Protanomaly
43, 32.514, 304.942

Deuteranomaly
43, 25.485, 315.889

Tritanomaly
44, 30.166, 356.363

Monochromacy



Original Color
44, 42.835, 334.884

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 16.203, 334.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 42.835, 334.884 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, 78, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 78, 135)  
}
```

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, 78, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 78, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 42.835, 334.884 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, 78, 135) }
```

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

```
.border{ border-color:rgb(152, 78, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 78, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 78, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 78, 135);  
box-shadow:4px 4px 4px 4px rgb(152, 78,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 42.835, 334.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 78, 135) }
```

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

```
.background{ background-color: rgb(152, 78,  
135) }
```

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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