

Converting Colors

CIELCh(44, 38.684, 328.336)

Have a look what the booklet for
CIELCh(44, 38.684, 328.336)
contains.

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Color

CIELCh(44, 38.359, 328.591)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8E548A |
| RGB | 142, 84, 138 |
| RGB Percent | 56%, 33%, 54% |
| CMY | 0.4445, 0.6718, 0.4601 |
| CMYK | 0.00, 0.41, 0.03, 0.44 |
| HSL | 304°, 26%, 44% |
| HSV | 304°, 41%, 56% |
| XYZ | 18.8067, 13.8382, 25.5991 |
| YIQ | 107.4980, 17.2340, 29.0900 |

Conversions

Conversions Part 2

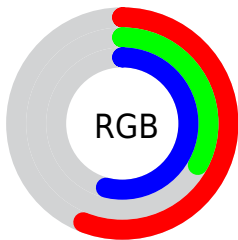
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 142, 84, 138 |
| Decimal | 9327754 |
| CIE _{Lab} | 44.00, 32.74, -19.99 |
| CIE _{LCh} | 44, 38.359, 328.591 |
| Yxy | 13.8382, 0.3229, 0.2376 |
| Android (android.graphics.Color) | 4287517834 (0xFF8E548A) |
| YUV | 107.4980, 15.0375, 30.2583 |
| Hunter-Lab | 37.1997, 25.1431, -14.7608 |

Details

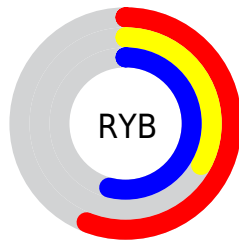
The CIELCh color $44, 38.359, 328.591$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 38.423, 143.272$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 38.572, 328.485$, and $24, 38.319, 328.390$ is the 20% darker color. If you saturate the color by 10%, you get $41, 46.947, 329.111$, and if you desaturate by 10%, it is $47, 29.214, 328.048$.

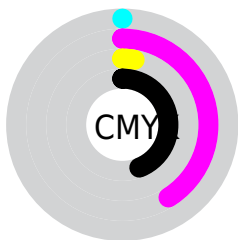
Distribution



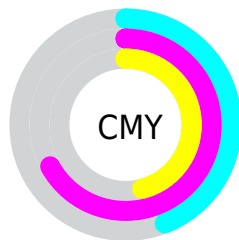
- Red (56%)
- Green (33%)
- Blue (54%)



- Red (56%)
- Yellow (33%)
- Blue (54%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (44%)





- Cyan (44%)
- Magenta (67%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 38.359, 328.591 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, 38.359, 328.591 by changing the saturation by 10% instead.


 44, 38.359,
328.591


 44, 38.359,
328.591


 100, 38.359,
328.591


 34, 38.359,
328.591

 64, 38.359,
328.591

 24, 38.359,
328.591

 74, 38.359,
328.591

 14, 38.359,
328.591

 84, 38.359,
328.591

 4, 38.359, 328.591

 94, 38.359,
328.591

 0, 38.359, 328.591

 44, 38.359,

 44, 38.359,

328.591

41, 46.947,
329.111

38, 54.649,
329.599

36, 61.097,
330.045

34, 65.963,
330.447

33, 69.049,
330.807

33, 70.768,
331.110

328.591

47, 29.214,
328.048

51, 19.791,
327.492

55, 10.295,
326.928

59, 0.870, 326.156

62, 8.391, 145.891

67, 17.431,
145.360

71, 26.218,
144.861

75, 34.741,
144.387

■ 79, 42.998,
143.939

Harmonies

Complementary

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



44, 38.359, 328.591



54, 38.423, 143.272

Rectangle

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



44, 38.359, 328.591



44, 38.359, 18.591



44, 38.359, 148.591



44, 38.359, 198.591

Sweetspot

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



44, 38.357, 328.591



69, 13.985, 327.003



38, 35.661, 297.460



35, 9.248, 327.066



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



44, 38.357, 328.591



53, 55.926, 329.066



43, 27.947, 351.688



28, 5.351, 326.828



31, 68.405, 331.097



1, 3.594, 326.346

Inverse Universe

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



44, 38.357, 328.591



53, 55.926, 329.066



54, 26.148, 163.369



28, 5.351, 326.828



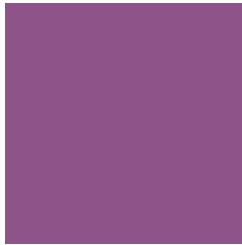
31, 68.405, 331.097



1, 3.594, 326.346

Previews

White Background



This preview shows how the CIELCh color 44, 38.359, 328.591 looks on a white background.

Color Contrast Check

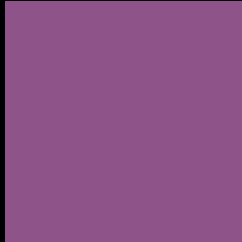
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.359, 328.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

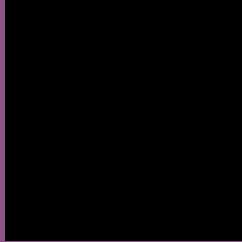
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 38.359, 328.591

Background



This preview shows how black text looks on a background with the CIELCh color 44, 38.359, 328.591.



This preview shows how white text looks on a background with the CIELCh color 44, 38.359, 328.591.

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, 38.359, 328.591

Protanopia

44, 29.510, 284.802

Deuteranopia

44, 18.583, 288.319



Tritanopia
44, 19.810, 10.227

Trichromacy



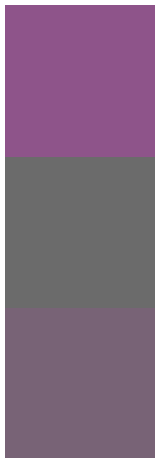
Original Color
44, 38.359, 328.591

Protanomaly
44, 31.009, 302.028

Deuteranomaly
44, 24.554, 309.988

Tritanomaly
44, 24.798, 348.171

Monochromacy



Original Color
44, 38.359, 328.591

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 14.176, 328.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 38.359, 328.591 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, 84, 138)` looks like.

```
.text, #text, p{  
    color:rgb(142, 84, 138)  
}
```

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, 84, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 84, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 38.359, 328.591 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, 84, 138) }
```

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

```
.border{ border-color:rgb(142, 84, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 84, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 84, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 84, 138);  
box-shadow:4px 4px 4px 4px rgb(142, 84,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 38.359, 328.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 84, 138) }
```

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

```
.background{ background-color: rgb(142, 84,  
138) }
```

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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