

Converting Colors

CIELCh(44, 38.678, 309.035)

Have a look what the booklet for
CIELCh(44, 38.678, 309.035)
contains.

CIELCh(44, 38.358, 308.964)	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, 38.358, 308.964)

Conversions

Conversions Part 1

Format	Color
Hex	775C9A
RGB	119, 92, 154
RGB Percent	47%, 36%, 60%
CMY	0.5344, 0.6402, 0.3971
CMYK	0.23, 0.40, 0.00, 0.40
HSL	266°, 25%, 48%
HSV	266°, 40%, 60%
XYZ	17.1869, 13.8382, 32.2180
YIQ	107.1410, -3.8100, 25.0060

Conversions

Conversions Part 2

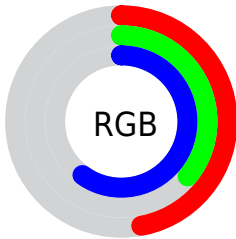
Format	Color
RYB	119, 92, 154
Decimal	7822490
CIELab	44.00, 24.12, -29.82
CIELCh	44, 38.358, 308.964
Yxy	13.8382, 0.2718, 0.2188
Android (android.graphics.Color)	4286012570 (0xFF775C9A)
YUV	107.1410, 23.1015, 10.4003
Hunter-Lab	37.1997, 17.3703, -25.3101

Details

The CIELCh color $44, 38.358, 308.964$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $60, 35.921, 124.856$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 38.244, 308.608$, and $24, 38.952, 309.167$ is the 20% darker color. If you saturate the color by 10%, you get $39, 48.288, 309.581$, and if you desaturate by 10%, it is $49, 28.499, 308.358$.

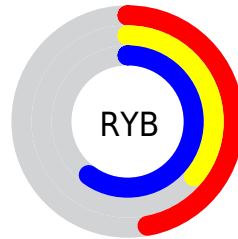
Distribution



Red (47%)

Green (36%)

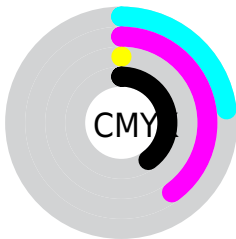
Blue (60%)



Red (47%)

Yellow (36%)

Blue (60%)

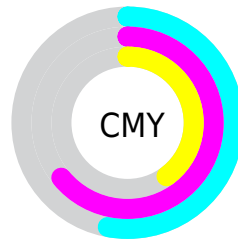


Cyan (23%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (53%)

Magenta (64%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 38.358, 308.964 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, 38.358, 308.964 by changing the saturation by 10% instead.

 44, 38.358,
308.964

 44, 38.358,
308.964


 100, 38.358,
308.964

 34, 38.358,
308.964

 64, 38.358,
308.964

 24, 38.358,
308.964

 74, 38.358,
308.964

 14, 38.358,
308.964

 84, 38.358,
308.964

 4, 38.358, 308.964

 94, 38.358,
308.964

 0, 38.358, 308.964

 44, 38.358,

 44, 38.358,

308.964

39, 48.288,
309.581

35, 58.073,
310.169

31, 67.343,
310.660

27, 75.539,
310.958

24, 81.951,
310.939

22, 86.559,
310.686

308.964

49, 28.499,
308.358

54, 18.834,
307.786

58, 9.423, 307.259

63, 0.291, 306.522

68, 8.555, 126.383

73, 17.121,
126.007

78, 25.415,
125.680

83, 33.451,
125.395

87, 41.241,

Harmonies

Complementary

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



44, 38.358, 308.964



60, 35.921, 124.856

Rectangle

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



44, 38.358, 308.964



44, 38.358, 358.964



44, 38.358, 128.964



44, 38.358, 178.964

Sweetspot

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



44, 38.357, 308.964



73, 13.561, 307.356



52, 19.063, 254.240



37, 8.987, 307.416



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, 38.357, 308.964



52, 56.774, 309.496



47, 41.683, 324.579



30, 5.135, 307.203



20, 80.874, 310.775



1, 5.471, 306.516

Inverse Universe

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



47, 31.675, 343.904



56, 46.105, 344.909



58, 41.541, 139.967



30, 4.374, 340.988



30, 55.420, 355.161



1, 4.652, 340.792

Previews

White Background



This preview shows how the CIELCh color 44, 38.358, 308.964 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, 38.358, 308.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

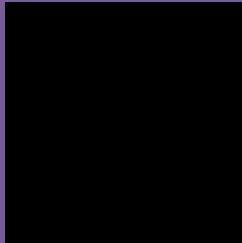
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 38.358, 308.964

Background



This preview shows how black text looks on a background with the CIELCh color 44, 38.358, 308.964.



This preview shows how white text looks on a background with the CIELCh color 44, 38.358, 308.964.

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

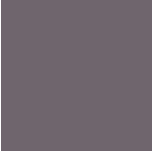
44, 38.358, 308.964

Protanopia

44, 36.691, 285.799

Deuteranopia

44, 29.061, 282.734



Tritanopia
44, 6.333, 331.025

Trichromacy



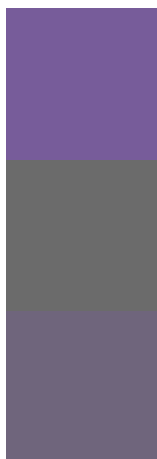
Original Color
44, 38.358, 308.964

Protanomaly
44, 37.154, 293.770

Deuteranomaly
44, 31.784, 293.351

Tritanomaly
44, 17.424, 313.131

Monochromacy



Original Color
44, 38.358, 308.964

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 14.376, 307.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 38.358, 308.964 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(119, 92, 154)` looks like.

```
.text, #text, p{  
    color:rgb(119, 92, 154)  
}
```

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(119, 92, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 92, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 38.358, 308.964 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(119, 92, 154) }
```

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

```
.border{ border-color:rgb(119, 92, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 92, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 92, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 92, 154);  
box-shadow:4px 4px 4px 4px rgb(119, 92,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 38.358, 308.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 92, 154) }
```

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

```
.background{ background-color: rgb(119, 92,  
154) }
```

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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