Converting Colors

CIELCh(58, 43.323, 308.581)

Have a look what the booklet for CIELCh(58, 43.323, 308.581) contains.

Color

CIELCh(58, 43.532, 308.720)

Conversions

Conversions Part 1

Format	Color
Hex	9D7DC7
RGB	157, 125, 199
RGB Percent	62%, 49%, 78%
CMY	0.3843, 0.5098, 0.2196
CMYK	0.21, 0.37, 0.00, 0.22
HSL	266°, 40%, 64%
HSV	266°, 37%, 78%
XYZ	31.5495, 25.9610, 57.3844
YIQ	143.0040, -4.6820, 29.7980

Conversions

Conversions Part 2

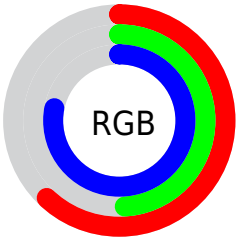
Format	Color
RYB	157, 125, 199
Decimal	10321351
CIELab	58.00, 27.23, -33.96
CIELCh	58, 43.532, 308.720
Yxy	25.9610, 0.2746, 0.2260
Android (android.graphics.Color)	4288511431 (0xFF9D7DC7)
YUV	143.0040, 27.6060, 12.2745
Hunter-Lab	50.9519, 21.3616, -31.1088

Details

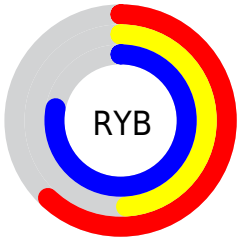
The CIELCh color 58, 43.532, 308.720 is a light color, and the websafe version is hex 996699. A complement of this color would be 76, 40.934, 124.858, and the grayscale version is 59, 0.008, 296.813.

A 20% lighter version of the original color is 78, 43.008, 309.050, and 38, 43.350, 308.483 is the 20% darker color. If you saturate the color by 10%, you get 52, 55.786, 309.354, and if you desaturate by 10%, it is 64, 31.415, 308.106.

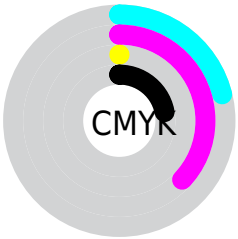
Distribution



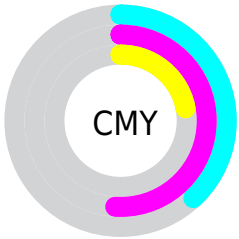
- Red (62%)
- Green (49%)
- Blue (78%)



- Red (62%)
- Yellow (49%)
- Blue (78%)



- Cyan (21%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 43.532, 308.720 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 58, 43.532, 308.720 by changing the saturation by 10% instead.

58, 43.532, 308.720

100, 43.532, 308.720

78, 43.532, 308.720

88, 43.532, 308.720

98, 43.532, 308.720

58, 43.532, 308.720

48, 43.532, 308.720

38, 43.532, 308.720

28, 43.532, 308.720

18, 43.532, 308.720

8, 43.532, 308.720

0, 43.532, 308.720

58, 43.532, 308.720

52, 55.786, 309.354

47, 67.937, 309.970

41, 79.558, 310.503

37, 89.979, 310.856

33, 98.307, 310.901

30, 103.780, 310.531

30, 105.095, 310.416

58, 43.532, 308.720

64, 31.415, 308.106

70, 19.571, 307.532

76, 8.060, 307.004

82, 3.095, 126.579

88, 13.891, 126.142

94, 24.337, 125.776

97, 29.190, 122.014

98, 28.402, 113.830

99, 28.230, 108.033

Harmonies

Complementary

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

58, 43.532, 308.720

76, 40.934, 124.858

Rectangle

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

58, 43.532, 308.720

58, 43.532, 358.720

58, 43.532, 128.720

58, 43.532, 178.720

Sweetspot

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

58, 43.530, 308.720

92, 15.182, 307.209

67, 21.484, 251.594

48, 10.222, 307.281

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

58, 43.530, 308.720

67, 64.985, 309.257

62, 47.361, 323.976

39, 6.380, 307.116

24, 90.555, 310.574

2, 22.126, 303.573

Inverse Universe

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

61, 36.167, 343.485

73, 53.147, 344.455

74, 47.126, 139.771

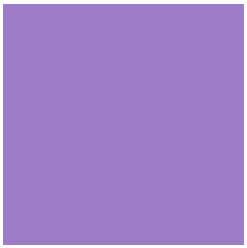
39, 5.447, 340.870

35, 61.863, 355.391

4, 18.601, 348.814

Previews

White Background

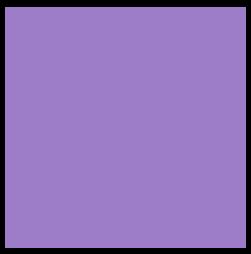


This preview shows how the CIELCh color 58, 43.532, 308.720 looks on a white background.

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

Black Background



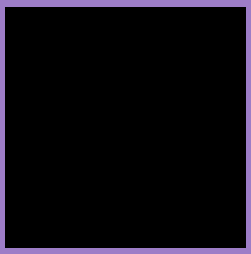
This preview shows how the CIELCh color 58, 43.532, 308.720 looks on a black background.

Color Contrast Check

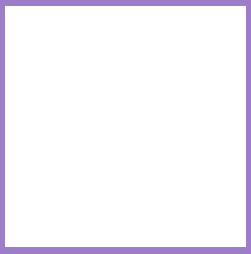
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 58, 43.532, 308.720 Background



This preview shows how black text looks on a background with the CIELCh color 58, 43.532, 308.720.

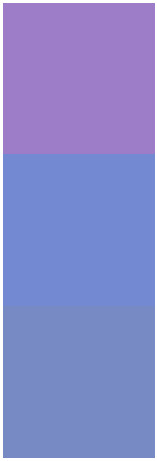


This preview shows how white text looks on a background with the CIELCh color 58, 43.532, 308.720.

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



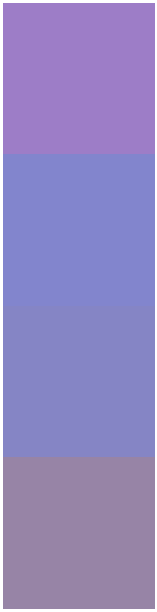
Original Color
58, 43.532, 308.720

Protanopia
58, 41.111, 285.669

Deuteranopia
58, 33.248, 283.618

Tritanopia
58, 7.829, 327.194

Trichromacy



Original Color
58, 43.532, 308.720

Protanomaly
58, 40.941, 293.415

Deuteranomaly
58, 36.448, 294.241

Tritanomaly
58, 20.681, 311.985

Monochromacy

Original Color
58, 43.532, 308.720

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 16.047, 307.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 43.532, 308.720 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(157, 125, 199) looks like.

```
.text, #text, p{
    color:rgb(157, 125, 199)
}
```

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(157, 125, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 125, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 43.532, 308.720 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(157, 125, 199) }
```

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

```
.border{ border-color:rgb(157, 125, 199) }
```

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

Here you see how a box with a 4 pixel rgb(157, 125, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 125, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 125, 199); box-shadow:4px 4px 4px 4px rgb(157, 125, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 43.532, 308.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(157, 125, 199) }
```

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

```
.background{ background-color:rgb(157,
125, 199) }
```

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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