

Converting Colors

CIELCh(58, 41.672, 308.515)

Have a look what the booklet for
CIELCh(58, 41.672, 308.515)
contains.

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Color

CIELCh(58, 41.740, 308.324)

Conversions

Conversions Part 1

Format	Color
Hex	9C7EC5
RGB	156, 126, 197
RGB Percent	61%, 49%, 77%
CMY	0.3888, 0.5064, 0.2281
CMYK	0.21, 0.36, 0.00, 0.23
HSL	265°, 38%, 63%
HSV	265°, 36%, 77%
XYZ	31.1828, 25.9610, 56.0958
YIQ	143.0640, -4.9110, 28.4410

Conversions

Conversions Part 2

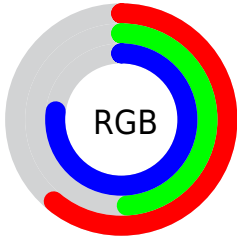
Format	Color
R_{YB}	156, 126, 197
Decimal	10256069
CIE _{Lab}	58.00, 25.88, -32.75
CIE _{LCh}	58, 41.740, 308.324
Yxy	25.9610, 0.2754, 0.2293
Android (android.graphics.Color)	4288446149 (0xFF9C7EC5)
YUV	143.0640, 26.5904, 11.3449
Hunter-Lab	50.9519, 20.0768, -29.6093

Details

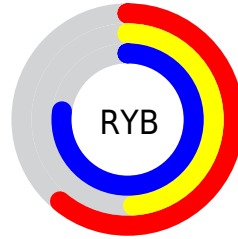
The CIELCh color $58, 41.740, 308.324$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $76, 39.287, 124.539$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 41.800, 308.525$, and $38, 41.474, 308.015$ is the 20% darker color. If you saturate the color by 10%, you get $52, 53.885, 308.972$, and if you desaturate by 10%, it is $64, 29.762, 307.702$.

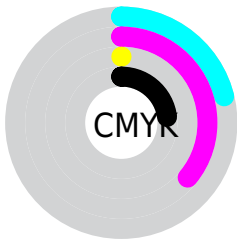
Distribution



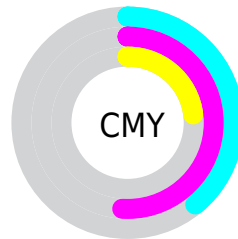
- Red (61%)
- Green (49%)
- Blue (77%)



- Red (61%)
- Yellow (49%)
- Blue (77%)



- Cyan (21%)
- Magenta (36%)
- Yellow (0%)
- Black (23%)




- Cyan (39%)
- Magenta (51%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 41.740, 308.324 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, 41.740, 308.324 by changing the saturation by 10% instead.


 58, 41.740,
308.324

 58, 41.740,
308.324


 100, 41.740,
308.324


 48, 41.740,
308.324


 78, 41.740,
308.324

 38, 41.740,
308.324

 88, 41.740,
308.324

 28, 41.740,
308.324

 98, 41.740,
308.324

 18, 41.740,
308.324

 8, 41.740, 308.324

 0, 41.740, 308.324

58, 41.740,
308.324

58, 41.740,
308.324

52, 53.885,
308.972

64, 29.762,
307.702

47, 65.980,
309.611

70, 18.070,
307.124

41, 77.628,
310.180

76, 6.718, 306.593

37, 88.196,
310.584

82, 4.278, 126.161

33, 96.811,
310.697

88, 14.916,
125.734


30, 102.600,
310.390

94, 25.208,
125.371

29, 104.447,
310.233

97, 30.302,
121.911

98, 29.499,
113.968

 99, 29.309,
107.950

Harmonies

Complementary

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



58, 41.740, 308.324



76, 39.287, 124.539

Rectangle

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



58, 41.740, 308.324



58, 41.740, 358.324



58, 41.740, 128.324



58, 41.740, 178.324

Sweetspot

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



58, 41.738, 308.324



92, 15.155, 306.859



67, 20.695, 251.352



48, 10.204, 306.932



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, 41.738, 308.324



69, 61.929, 308.816



62, 45.560, 323.924



39, 6.368, 306.765



23, 90.741, 310.382



2, 22.096, 303.246

Inverse Universe

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



61, 34.998, 342.836



74, 51.210, 343.671



74, 45.333, 139.865



39, 5.485, 340.381



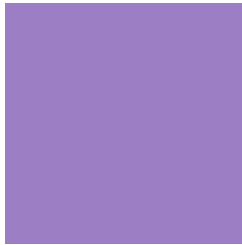
35, 62.096, 354.518



4, 18.725, 348.195

Previews

White Background



This preview shows how the CIELCh color 58, 41.740, 308.324 looks on a white background.

Color Contrast Check

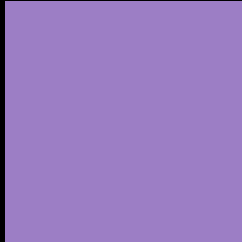
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.740, 308.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

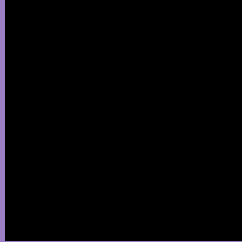
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 41.740, 308.324

Background



This preview shows how black text looks on a background with the CIELCh color 58, 41.740, 308.324.



This preview shows how white text looks on a background with the CIELCh color 58, 41.740, 308.324.

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

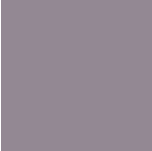
58, 41.740, 308.324

Protanopia

58, 39.425, 285.413

Deuteranopia

58, 32.063, 284.123



Tritanopia
58, 7.604, 324.813

Trichromacy



Original Color
58, 41.740, 308.324

Protanomaly
58, 39.820, 293.258

Deuteranomaly
58, 34.714, 294.046

Tritanomaly
58, 20.030, 311.516

Monochromacy



Original Color
58, 41.740, 308.324

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 15.383, 307.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 41.740, 308.324 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(156, 126, 197)` looks like.

```
.text, #text, p{  
    color:rgb(156, 126, 197)  
}
```

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(156, 126, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 126, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 41.740, 308.324 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(156, 126, 197) }
```

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

```
.border{ border-color:rgb(156, 126, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 126, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 126, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 126, 197);  
box-shadow:4px 4px 4px 4px rgb(156, 126,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 41.740, 308.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 126, 197) }
```

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

```
.background{ background-color: rgb(156,  
126, 197) }
```

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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