

Converting Colors

CIELCh(58, 27.491, 310.860)

Have a look what the booklet for
CIELCh(58, 27.491, 310.860)
contains.

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Color

CIELCh(58, 27.675, 311.030)

Conversions

Conversions Part 1

Format	Color
Hex	9A82B0
RGB	154, 130, 176
RGB Percent	60%, 51%, 69%
CMY	0.3962, 0.4903, 0.3099
CMYK	0.13, 0.26, 0.00, 0.31
HSL	271°, 23%, 60%
HSV	271°, 26%, 69%
XYZ	29.1361, 25.9610, 44.5376
YIQ	142.4200, -0.4620, 19.3940

Conversions

Conversions Part 2

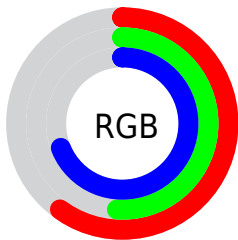
Format	Color
RYB	154, 130, 176
Decimal	10126000
CIELab	58.00, 18.17, -20.88
CIELCh	58, 27.675, 311.030
Yxy	25.9610, 0.2924, 0.2606
Android (android.graphics.Color)	4288316080 (0xFF9A82B0)
YUV	142.4200, 16.5549, 10.1557
Hunter-Lab	50.9519, 12.9068, -16.1597

Details

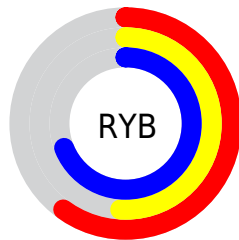
The CIELCh color $58, 27.675, 311.030$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $69, 26.752, 128.648$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 27.885, 311.096$, and $38, 27.807, 311.096$ is the 20% darker color. If you saturate the color by 10%, you get $53, 38.662, 311.543$, and if you desaturate by 10%, it is $63, 16.873, 310.536$.

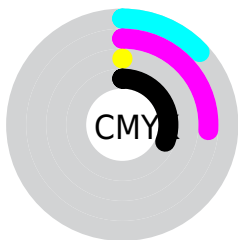
Distribution



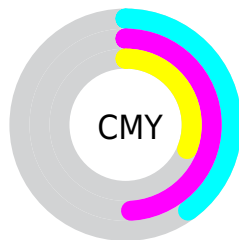
- Red (60%)
- Green (51%)
- Blue (69%)



- Red (60%)
- Yellow (51%)
- Blue (69%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)





- Cyan (40%)
- Magenta (49%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 27.675, 311.030 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, 27.675, 311.030 by changing the saturation by 10% instead.


 58, 27.675,
311.030


 58, 27.675,
311.030


 100, 27.675,
311.030


 48, 27.675,
311.030


 78, 27.675,
311.030

 38, 27.675,
311.030

 88, 27.675,
311.030

 28, 27.675,
311.030

 98, 27.675,
311.030

 18, 27.675,
311.030

 8, 27.675, 311.030

 0, 27.675, 311.030

58, 27.675,
311.030

58, 27.675,
311.030

53, 38.662,
311.543

63, 16.873,
310.536

48, 49.702,
312.055

69, 6.333, 310.068

43, 60.560,
312.530

74, 3.913, 129.698

38, 70.857,
312.913

79, 13.851,
129.301

34, 80.039,
313.122

84, 23.484,
128.962

31, 87.408,
313.057

90, 32.821,
128.665


29, 92.365,
312.627

95, 41.873,
128.404

28, 94.003,

96, 41.805,
124.911

312.443

 97, 40.887,
120.781

Harmonies

Complementary

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



58, 27.675, 311.030



69, 26.752, 128.648

Rectangle

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



58, 27.675, 311.030



58, 27.675, 1.030



58, 27.675, 131.030



58, 27.675, 181.030

Sweetspot

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



58, 27.673, 311.030



86, 10.270, 310.161



62, 15.155, 261.141



45, 7.305, 310.229



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



58, 27.673, 311.030



71, 40.975, 311.306



60, 30.574, 326.299



35, 5.936, 310.216



24, 84.698, 312.569



1, 13.891, 305.952

Inverse Universe

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



59, 21.751, 347.232



73, 32.100, 347.833



68, 30.563, 143.140



35, 4.688, 345.574



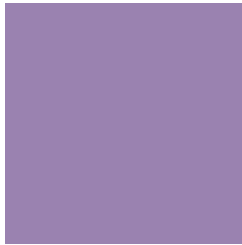
32, 57.767, 3.355



2, 10.478, 351.071

Previews

White Background



This preview shows how the CIELCh color 58, 27.675, 311.030 looks on a white background.

Color Contrast Check

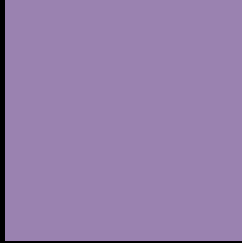
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 58, 27.675, 311.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

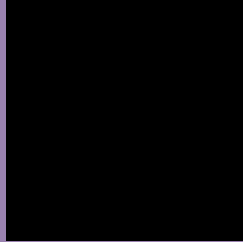
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 27.675, 311.030

Background



This preview shows how black text looks on a background with the CIELCh color 58, 27.675, 311.030.




This preview shows how white text looks on a background with the CIELCh color 58, 27.675, 311.030.

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
58, 7.638, 332.135

Trichromacy



Original Color
58, 27.675, 311.030

Protanomaly
58, 25.660, 294.603

Deuteranomaly
58, 23.597, 299.649

Tritanomaly
58, 14.643, 317.560

Monochromacy



Original Color
58, 27.675, 311.030

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 9.624, 309.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 27.675, 311.030 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(154, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(154, 130, 176)  
}
```

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(154, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 130, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 27.675, 311.030 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(154, 130, 176) }
```

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

```
.border{ border-color:rgb(154, 130, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 130, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 130, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 130, 176);  
box-shadow:4px 4px 4px 4px rgb(154, 130,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 27.675, 311.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 130, 176) }
```

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

```
.background{ background-color: rgb(154,  
130, 176) }
```

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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