

Converting Colors

CIELCh(58, 24.546, 313.760)

Have a look what the booklet for
CIELCh(58, 24.546, 313.760)
contains.

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Color

CIELCh(58, 24.634, 314.306)

Conversions

Conversions Part 1

Format	Color
Hex	9B82AA
RGB	155, 130, 170
RGB Percent	61%, 51%, 67%
CMY	0.3909, 0.4890, 0.3321
CMYK	0.09, 0.23, 0.00, 0.33
HSL	278°, 19%, 59%
HSV	278°, 23%, 67%
XYZ	28.8877, 25.9610, 41.6776
YIQ	142.0350, 2.0600, 17.7400

Conversions

Conversions Part 2

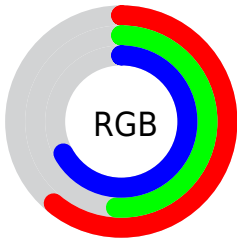
Format	Color
RYB	155, 130, 170
Decimal	10191530
CIELab	58.00, 17.21, -17.63
CIELCh	58, 24.634, 314.306
Yxy	25.9610, 0.2993, 0.2690
Android (android.graphics.Color)	4288381610 (0xFF9B82AA)
YUV	142.0350, 13.7867, 11.3703
Hunter-Lab	50.9519, 12.0366, -12.8316

Details

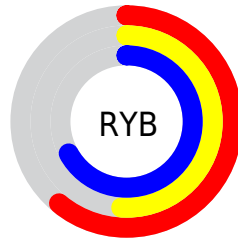
The CIELCh color **58, 24.634, 314.306** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67, 24.081, 132.281**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 24.535, 314.686**, and **38, 24.356, 313.626** is the 20% darker color. If you saturate the color by 10%, you get **53, 35.401, 314.754**, and if you desaturate by 10%, it is **63, 13.999, 313.862**.

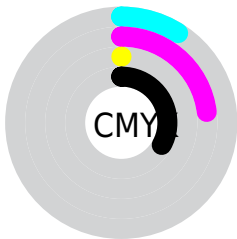
Distribution



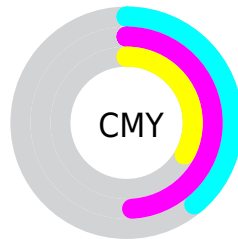
- Red (61%)
- Green (51%)
- Blue (67%)



- Red (61%)
- Yellow (51%)
- Blue (67%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (49%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 24.634, 314.306 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, 24.634, 314.306 by changing the saturation by 10% instead.

 58, 24.634,
314.306

 58, 24.634,
314.306


 100, 24.634,
314.306

 48, 24.634,
314.306


 78, 24.634,
314.306

 38, 24.634,
314.306

 88, 24.634,
314.306

 28, 24.634,
314.306

 98, 24.634,
314.306

 18, 24.634,
314.306

 8, 24.634, 314.306

 0, 24.634, 314.306

58, 24.634,
314.306

58, 24.634,
314.306

53, 35.401,
314.754

63, 13.999,
313.862

48, 46.158,
315.189

68, 3.584, 313.415

44, 56.668,
315.579

73, 6.566, 133.085

40, 66.575,
315.876

78, 16.431,
132.715

36, 75.386,
316.018

83, 26.007,
132.387

33, 82.510,
315.929

88, 35.298,
132.094


31, 87.405,
315.530

93, 44.312,
131.833

29, 89.765,

95, 46.469,
130.064

315.173

 95, 45.541,
127.443

Harmonies

Complementary

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



58, 24.634, 314.306



67, 24.081, 132.281

Rectangle

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



58, 24.634, 314.306



58, 24.634, 4.306



58, 24.634, 134.306



58, 24.634, 184.306

Sweetspot

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



58, 24.632, 314.306



84, 8.940, 313.584



60, 14.779, 270.375



44, 5.859, 313.609



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



58, 24.632, 314.306



71, 36.563, 314.531



59, 25.000, 329.139



33, 5.786, 313.678



25, 80.849, 315.295



1, 10.258, 310.695

Inverse Universe

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



59, 17.922, 353.292



72, 26.634, 353.898



66, 24.954, 146.196



33, 4.186, 351.764



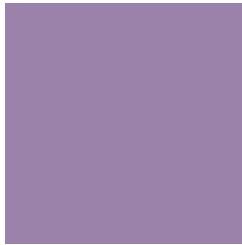
31, 56.662, 13.048



2, 7.298, 354.401

Previews

White Background



This preview shows how the CIELCh color 58, 24.634, 314.306 looks on a white background.

Color Contrast Check

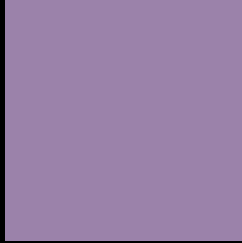
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.634, 314.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

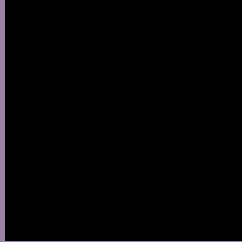
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 24.634, 314.306

Background



This preview shows how black text looks on a background with the CIELCh color 58, 24.634, 314.306.



This preview shows how white text looks on a background with the CIELCh color 58, 24.634, 314.306.

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, 24.634, 314.306

Protanopia

58, 21.707, 285.385

Deuteranopia

58, 18.831, 294.490



Tritanopia
58, 8.474, 338.215

Trichromacy



Original Color
58, 24.634, 314.306

Protanomaly
58, 22.301, 296.303

Deuteranomaly
58, 20.341, 302.601

Tritanomaly
58, 14.234, 323.838

Monochromacy



Original Color
58, 24.634, 314.306

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 8.703, 314.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 24.634, 314.306 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(155, 130, 170)` looks like.

```
.text, #text, p{  
    color:rgb(155, 130, 170)  
}
```

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(155, 130, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 130, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 24.634, 314.306 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(155, 130, 170) }
```

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

```
.border{ border-color:rgb(155, 130, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 130, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 130, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 130, 170);  
box-shadow:4px 4px 4px 4px rgb(155, 130,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 24.634, 314.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 130, 170) }
```

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

```
.background{ background-color: rgb(155,  
130, 170) }
```

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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