

Converting Colors

CIELCh(58, 24.587, 317.223)

Have a look what the booklet for
CIELCh(58, 24.587, 317.223)
contains.

CIELCh(58, 24.535, 317.266)	3
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Color

CIELCh(58, 24.535, 317.266)

Conversions

Conversions Part 1

Format	Color
Hex	9E82A9
RGB	158, 130, 169
RGB Percent	62%, 51%, 66%
CMY	0.3818, 0.4915, 0.3386
CMYK	0.07, 0.23, 0.00, 0.34
HSL	283°, 18%, 58%
HSV	283°, 23%, 66%
XYZ	29.0983, 25.9610, 40.8401
YIQ	142.8180, 4.1690, 18.0650

Conversions

Conversions Part 2

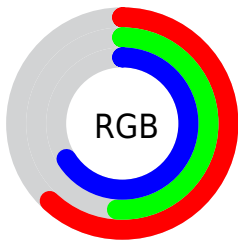
Format	Color
RYB	158, 130, 169
Decimal	10388137
CIELab	58.00, 18.02, -16.65
CIELCh	58, 24.535, 317.266
Yxy	25.9610, 0.3034, 0.2707
Android (android.graphics.Color)	4288578217 (0xFF9E82A9)
YUV	142.8180, 12.9077, 13.3146
Hunter-Lab	50.9519, 12.7741, -11.8571

Details

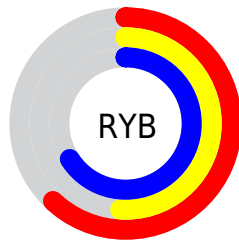
The CIELCh color $58, 24.535, 317.266$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $66, 24.147, 135.238$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 24.471, 317.506$, and $38, 24.916, 317.107$ is the 20% darker color. If you saturate the color by 10%, you get $53, 35.335, 317.694$, and if you desaturate by 10%, it is $63, 13.801, 316.831$.

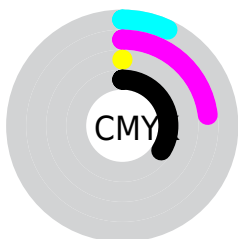
Distribution



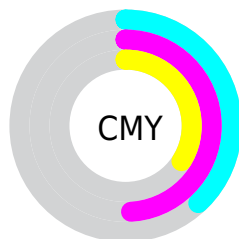
- Red (62%)
- Green (51%)
- Blue (66%)



- Red (62%)
- Yellow (51%)
- Blue (66%)



- Cyan (7%)
- Magenta (23%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (49%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 24.535, 317.266 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, 24.535, 317.266 by changing the saturation by 10% instead.

 58, 24.535,
317.266

 58, 24.535,
317.266

 100, 24.535,
317.266

 48, 24.535,
317.266


 78, 24.535,
317.266

 38, 24.535,
317.266

 88, 24.535,
317.266

 28, 24.535,
317.266

 98, 24.535,
317.266

 18, 24.535,
317.266

 8, 24.535, 317.266

 0, 24.535, 317.266

58, 24.535,
317.266

58, 24.535,
317.266

53, 35.335,
317.694

63, 13.801,
316.831

49, 46.034,
318.098

68, 3.247, 316.375

45, 56.366,
318.447

72, 7.067, 136.051

41, 65.958,
318.701

77, 17.109,
135.666

38, 74.329,
318.807

82, 26.866,
135.320

35, 80.948,
318.707

87, 36.338,
135.005


33, 85.381,
318.345

92, 45.529,
134.720

32, 87.541,

94, 48.947,
133.660

317.997

 95, 48.157,
131.931

Harmonies

Complementary

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



58, 24.535, 317.266



66, 24.147, 135.238

Rectangle

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



58, 24.535, 317.266



58, 24.535, 7.266



58, 24.535, 137.266



58, 24.535, 187.266

Sweetspot

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



58, 24.533, 317.266



83, 9.069, 316.569



59, 16.215, 278.137



44, 5.887, 316.594



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



58, 24.533, 317.266



71, 36.923, 317.498



59, 22.762, 332.578



33, 5.923, 316.664



27, 79.450, 318.094



1, 10.508, 313.954

Inverse Universe

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



58, 16.753, 359.583



71, 25.357, 0.280



66, 22.653, 149.474



33, 3.984, 358.018



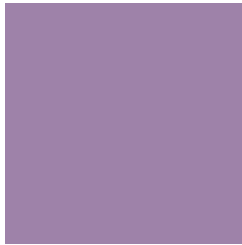
31, 58.575, 21.607



1, 6.999, 0.043

Previews

White Background



This preview shows how the CIELCh color 58, 24.535, 317.266 looks on a white background.

Color Contrast Check

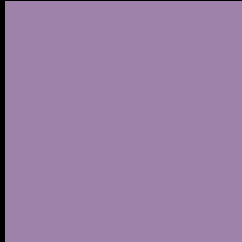
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.535, 317.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

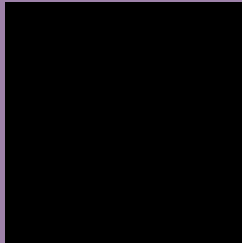
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 24.535, 317.266

Background



This preview shows how black text looks on a background with the CIELCh color 58, 24.535, 317.266.



This preview shows how white text looks on a background with the CIELCh color 58, 24.535, 317.266.

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, 24.535, 317.266

Protanopia

58, 21.114, 286.017

Deuteranopia

58, 17.718, 295.677



Tritanopia
58, 10.040, 342.045

Trichromacy



Original Color
58, 24.535, 317.266

Protanomaly
58, 21.798, 298.202

Deuteranomaly
58, 19.929, 304.928

Tritanomaly
58, 15.346, 326.421

Monochromacy



Original Color
58, 24.535, 317.266

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 8.862, 316.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 24.535, 317.266 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(158, 130, 169)` looks like.

```
.text, #text, p{  
    color:rgb(158, 130, 169)  
}
```

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(158, 130, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 130, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 24.535, 317.266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

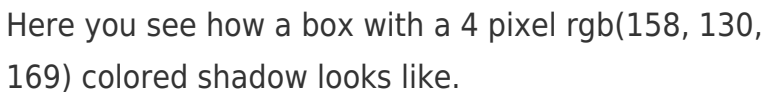
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 130, 169) }
```

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

```
.border{ border-color:rgb(158, 130, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 130, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 130, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 130, 169); box-shadow:4px 4px 4px 4px rgb(158, 130, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 24.535, 317.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 130, 169) }
```

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

```
.background{ background-color: rgb(158,  
130, 169) }
```

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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