

Converting Colors

CIELCh(58, 26.996, 306.780)

Have a look what the booklet for
CIELCh(58, 26.996, 306.780)
contains.

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Color

CIELCh(58, 27.172, 307.364)

Conversions

Conversions Part 1

Format	Color
Hex	9683B1
RGB	150, 131, 177
RGB Percent	59%, 51%, 69%
CMY	0.4111, 0.4856, 0.3052
CMYK	0.15, 0.26, 0.00, 0.31
HSL	265°, 23%, 60%
HSV	265°, 26%, 69%
XYZ	28.7034, 25.9610, 45.1880
YIQ	141.9250, -3.4420, 18.3340

Conversions

Conversions Part 2

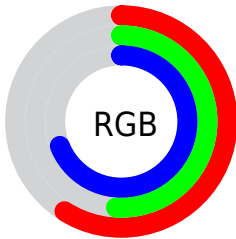
Format	Color
RYB	150, 131, 177
Decimal	9864113
CIELab	58.00, 16.49, -21.60
CIELCh	58, 27.172, 307.364
Yxy	25.9610, 0.2875, 0.2600
Android (android.graphics.Color)	4288054193 (0xFF9683B1)
YUV	141.9250, 17.2920, 7.0818
Hunter-Lab	50.9519, 11.3908, -16.9165

Details

The CIELCh color $58, 27.172, 307.364$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $70, 26.042, 124.701$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 27.373, 307.626$, and $38, 26.703, 307.517$ is the 20% darker color. If you saturate the color by 10%, you get $53, 38.152, 307.992$, and if you desaturate by 10%, it is $63, 16.457, 306.781$.

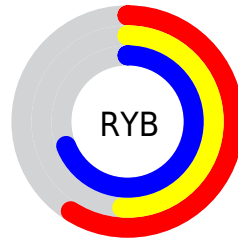
Distribution



Red (59%)

Green (51%)

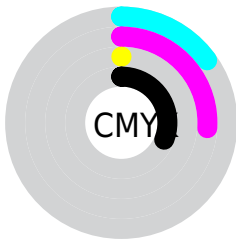
Blue (69%)



Red (59%)

Yellow (51%)

Blue (69%)

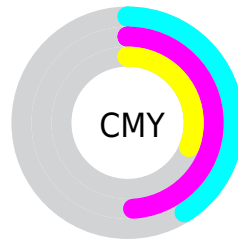


Cyan (15%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (41%)

Magenta (49%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 27.172, 307.364 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, 27.172, 307.364 by changing the saturation by 10% instead.

 58, 27.172,
307.364


 58, 27.172,
307.364

 100, 27.172,
307.364

 48, 27.172,
307.364

 78, 27.172,
307.364

 38, 27.172,
307.364


 88, 27.172,
307.364

 28, 27.172,
307.364

 98, 27.172,
307.364

 18, 27.172,
307.364

 8, 27.172, 307.364

 0, 27.172, 307.364

58, 27.172,
307.364

58, 27.172,
307.364

53, 38.152,
307.992

63, 16.457,
306.781

47, 49.304,
308.650

69, 6.057, 306.248

42, 60.432,
309.305

74, 4.014, 125.813

37, 71.193,
309.897

80, 13.759,
125.386

33, 81.026,
310.335

85, 23.188,
125.021

29, 89.143,
310.495

91, 32.313,
124.705


27, 94.751,
310.252

96, 41.040,
124.377

26, 96.684,

97, 39.981,
119.115

310.136

 98, 39.297,
113.507

Harmonies

Complementary

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



58, 27.172, 307.364



70, 26.042, 124.701

Rectangle

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



58, 27.172, 307.364



58, 27.172, 357.364



58, 27.172, 127.364



58, 27.172, 177.364

Sweetspot

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



58, 27.170, 307.364



86, 10.055, 306.361



64, 13.774, 247.294



44, 7.154, 306.438



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, 27.170, 307.364



70, 40.347, 307.708



60, 30.060, 322.951



35, 5.813, 306.423



21, 86.652, 310.262



1, 13.672, 302.516

Inverse Universe

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



60, 23.276, 341.342



73, 34.320, 341.866



68, 29.896, 140.219



35, 5.049, 339.911



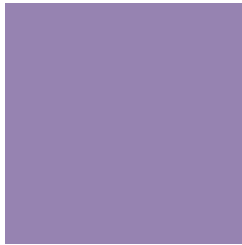
33, 59.501, 353.510



2, 11.201, 344.998

Previews

White Background



This preview shows how the CIELCh color 58, 27.172, 307.364 looks on a white background.

Color Contrast Check

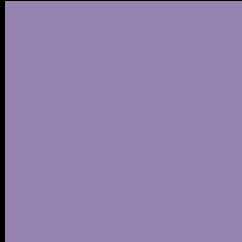
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.172, 307.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

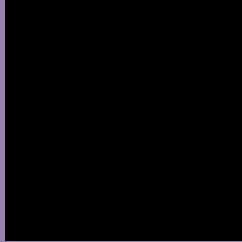
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 27.172, 307.364

Background



This preview shows how black text looks on a background with the CIELCh color 58, 27.172, 307.364.



This preview shows how white text looks on a background with the CIELCh color 58, 27.172, 307.364.

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, 27.172, 307.364

Protanopia

58, 25.132, 285.366

Deuteranopia

58, 22.190, 290.024



Tritanopia
58, 6.506, 319.077

Trichromacy



Original Color
58, 27.172, 307.364

Protanomaly
58, 25.044, 293.007

Deuteranomaly
58, 23.459, 297.080

Tritanomaly
58, 13.908, 310.455

Monochromacy



Original Color
58, 27.172, 307.364

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 10.055, 306.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 27.172, 307.364 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(150, 131, 177)` looks like.

```
.text, #text, p{  
    color:rgb(150, 131, 177)  
}
```

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(150, 131, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 131, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 27.172, 307.364 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(150, 131, 177) }
```

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

```
.border{ border-color:rgb(150, 131, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 131, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 131, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 131, 177); box-shadow:4px 4px 4px 4px rgb(150, 131, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 27.172, 307.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 131, 177) }
```

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

```
.background{ background-color: rgb(150,  
131, 177) }
```

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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