

Converting Colors

CIELCh(63, 27.828, 293.677)

Have a look what the booklet for
CIELCh(63, 27.828, 293.677)
contains.

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Color

CIELCh(63, 28.021, 293.824)

Conversions

Conversions Part 1

Format	Color
Hex	9594C6
RGB	149, 148, 198
RGB Percent	58%, 58%, 78%
CMY	0.4162, 0.4201, 0.2241
CMYK	0.25, 0.25, 0.00, 0.22
HSL	241°, 30%, 68%
HSV	241°, 25%, 78%
XYZ	33.1168, 31.5869, 57.6939
YIQ	153.9990, -15.4540, 15.7620

Conversions

Conversions Part 2

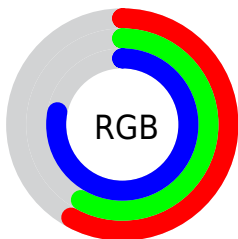
Format	Color
R_{YB}	149, 148, 198
Decimal	9802950
CIE _{Lab}	63.00, 11.32, -25.63
CIE _{LCh}	63, 28.021, 293.824
Yxy	31.5869, 0.2706, 0.2581
Android (android.graphics.Color)	4287993030 (0xFF9594C6)
YUV	153.9990, 21.6925, -4.3841
Hunter-Lab	56.2022, 6.8260, -21.5220

Details

The CIELCh color `63, 28.021, 293.824` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 26.400, 108.610`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 28.087, 293.894`, and `43, 28.322, 294.141` is the 20% darker color. If you saturate the color by 10%, you get `56, 39.947, 295.313`, and if you desaturate by 10%, it is `70, 16.584, 292.551`.

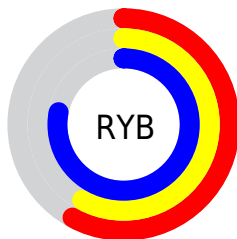
Distribution



Red (58%)

Green (58%)

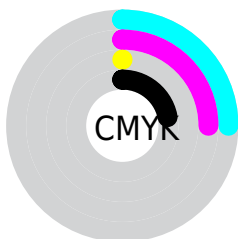
Blue (78%)



Red (58%)

Yellow (58%)

Blue (78%)

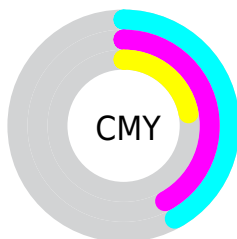


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (42%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 28.021, 293.824 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 63, 28.021, 293.824 by changing the saturation by 10% instead.

■ 63, 28.021,
293.824

■ 63, 28.021,
293.824

■ 100, 28.021,
293.824

■ 53, 28.021,
293.824

■ 83, 28.021,
293.824

■ 43, 28.021,
293.824

■ 93, 28.021,
293.824

■ 33, 28.021,
293.824

■ 23, 28.021,
293.824

■ 13, 28.021,
293.824

■ 3, 28.021, 293.824

■ 0, 28.021, 293.824

63, 28.021,
293.824

63, 28.021,
293.824

56, 39.947,
295.313

70, 16.584,
292.551

50, 52.370,
297.036

76, 5.612, 291.476

83, 4.932, 110.535

43, 65.216,
298.978

90, 15.079,
109.760

37, 78.215,
301.063

96, 24.858,
109.093

32, 90.678,
303.120

99, 28.801,
107.989

27, 101.256,
304.859

25, 108.166,
305.958

24, 110.451,

Harmonies

Complementary

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



63, 28.021, 293.824



79, 26.400, 108.610

Rectangle

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



63, 28.021, 293.824



63, 28.021, 343.824



63, 28.021, 113.824



63, 28.021, 163.824

Sweetspot

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



63, 28.020, 293.823



93, 10.531, 291.763



76, 16.764, 199.713



49, 7.506, 291.924



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 28.020, 293.823



75, 41.329, 294.568



65, 29.378, 310.827



38, 6.116, 291.896



19, 95.720, 306.356



1, 21.517, 292.273

Inverse Universe

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



67, 32.444, 326.354



82, 47.258, 326.634



77, 28.414, 128.501



39, 7.283, 325.469



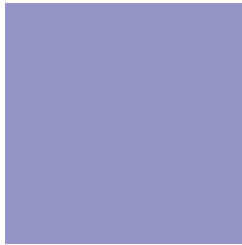
38, 81.491, 329.032



4, 26.293, 327.671

Previews

White Background



This preview shows how the CIELCh color 63, 28.021, 293.824 looks on a white background.

Color Contrast Check

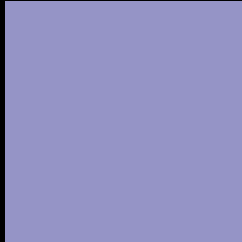
Large Text (above 18pt) WCAG AA × Fail

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 63, 28.021, 293.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

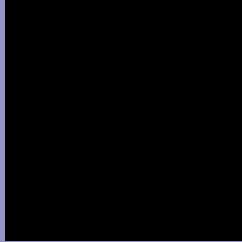
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 28.021, 293.824

Background



This preview shows how black text looks on a background with the CIELCh color 63, 28.021, 293.824.



This preview shows how white text looks on a background with the CIELCh color 63, 28.021, 293.824.

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

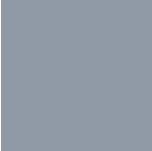
63, 28.021, 293.824

Protanopia

63, 27.557, 284.901

Deuteranopia

63, 26.341, 287.905



Tritanopia
63, 7.735, 259.636

Trichromacy



Original Color
63, 28.021, 293.824

Protanomaly
63, 27.448, 288.252

Deuteranomaly
63, 26.880, 290.190

Tritanomaly
63, 14.694, 282.046

Monochromacy



Original Color
63, 28.021, 293.824

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 10.068, 291.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 28.021, 293.824 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(149, 148, 198)` looks like.

```
.text, #text, p{  
    color:rgb(149, 148, 198)  
}
```

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(149, 148, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 148, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 28.021, 293.824 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(149, 148, 198) }
```

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

```
.border{ border-color:rgb(149, 148, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 148, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 148, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 148, 198);  
box-shadow:4px 4px 4px 4px rgb(149, 148,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 28.021, 293.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 148, 198) }
```

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

```
.background{ background-color: rgb(149,  
148, 198) }
```

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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