

Converting Colors

CIELCh(62, 27.992, 293.641)

Have a look what the booklet for
CIELCh(62, 27.992, 293.641)
contains.

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Color

CIELCh(62, 28.123, 293.874)

Conversions

Conversions Part 1

Format	Color
Hex	9291C3
RGB	146, 145, 195
RGB Percent	57%, 57%, 76%
CMY	0.4265, 0.4305, 0.2344
CMYK	0.25, 0.26, 0.00, 0.23
HSL	241°, 30%, 67%
HSV	241°, 26%, 77%
XYZ	31.9320, 30.4025, 55.9569
YIQ	150.9990, -15.4540, 15.7620

Conversions

Conversions Part 2

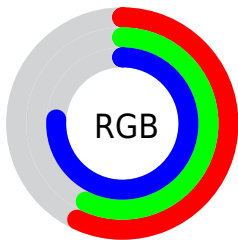
Format	Color
R_{YB}	146, 145, 195
Decimal	9605571
CIE _{Lab}	62.00, 11.38, -25.72
CIE _{LCh}	62, 28.123, 293.874
Yxy	30.4025, 0.2699, 0.2570
Android (android.graphics.Color)	4287795651 (0xFF9291C3)
YUV	150.9990, 21.6925, -4.3841
Hunter-Lab	55.1385, 6.8813, -21.5731

Details

The CIELCh color `62, 28.123, 293.874` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `78, 26.473, 108.586`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 28.164, 293.924`, and `42, 27.820, 293.437` is the 20% darker color. If you saturate the color by 10%, you get `55, 39.936, 295.369`, and if you desaturate by 10%, it is `69, 16.794, 292.596`.

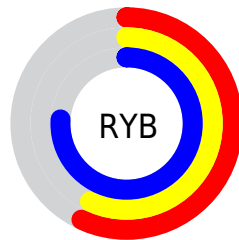
Distribution



Red (57%)

Green (57%)

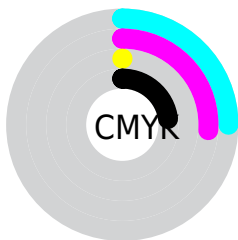
Blue (76%)



Red (57%)

Yellow (57%)

Blue (76%)

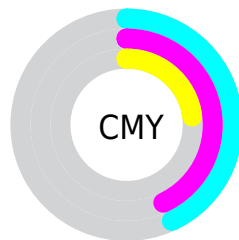


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (23%)



Cyan (43%)

Magenta (43%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 28.123, 293.874 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 62, 28.123, 293.874 by changing the saturation by 10% instead.


 62, 28.123,
293.874


 62, 28.123,
293.874


 100, 28.123,
293.874


 52, 28.123,
293.874


 82, 28.123,
293.874

 42, 28.123,
293.874

 92, 28.123,
293.874

 32, 28.123,
293.874

 22, 28.123,
293.874

 12, 28.123,
293.874

 2, 28.123, 293.874

 0, 28.123, 293.874

62, 28.123,
293.874

62, 28.123,
293.874

55, 39.936,
295.369

69, 16.794,
292.596

49, 52.240,
297.097

75, 5.925, 291.515

82, 4.519, 110.569

43, 64.957,
299.042

88, 14.570,
109.792

37, 77.813,
301.127

95, 24.257,
109.122

31, 90.109,
303.177

99, 30.107,
107.889

27, 100.496,
304.900

24, 107.224,
305.980

24, 109.354,

Harmonies

Complementary

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



62, 28.123, 293.874



78, 26.473, 108.586

Rectangle

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



62, 28.123, 293.874



62, 28.123, 343.874



62, 28.123, 113.874



62, 28.123, 163.874

Sweetspot

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



62, 28.122, 293.873



93, 10.531, 291.769



75, 16.794, 199.700



49, 7.506, 291.929



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 28.122, 293.873



75, 42.799, 294.725



64, 29.476, 310.844



37, 5.986, 291.898



18, 94.614, 306.357



1, 19.484, 291.678

Inverse Universe

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



66, 32.535, 326.376



82, 48.803, 326.692



76, 28.496, 128.485



38, 7.128, 325.471



38, 80.544, 329.036



4, 23.772, 327.014

Previews

White Background



This preview shows how the CIELCh color 62, 28.123, 293.874 looks on a white background.

Color Contrast Check

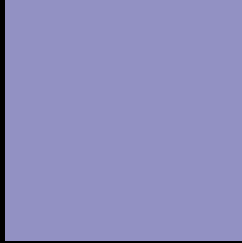
Large Text (above 18pt) WCAG AA × Fail

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 62, 28.123, 293.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

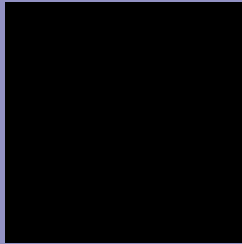
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 28.123, 293.874

Background



This preview shows how black text looks on a background with the CIELCh color 62, 28.123, 293.874.



This preview shows how white text looks on a background with the CIELCh color 62, 28.123, 293.874.

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

62, 28.123, 293.874

Protanopia

62, 27.654, 284.978

Deuteranopia

62, 26.991, 288.146



Tritanopia
62, 7.761, 259.671

Trichromacy



Original Color
62, 28.123, 293.874

Protanomaly
62, 27.546, 288.317

Deuteranomaly
62, 27.535, 290.371

Tritanomaly
62, 14.747, 282.089

Monochromacy



Original Color
62, 28.123, 293.874

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.104, 291.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 28.123, 293.874 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(146, 145, 195)` looks like.

```
.text, #text, p{  
    color:rgb(146, 145, 195)  
}
```

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(146, 145, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 145, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 28.123, 293.874 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(146, 145, 195) }
```

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

```
.border{ border-color:rgb(146, 145, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 145, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 145, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 145, 195);  
box-shadow:4px 4px 4px 4px rgb(146, 145,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 28.123, 293.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 145, 195) }
```

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

```
.background{ background-color: rgb(146,  
145, 195) }
```

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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