

Converting Colors

CIELCh(62, 70.480, 303.166)

Have a look what the booklet for
CIELCh(62, 70.480, 303.166)
contains.

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Color

CIELCh(62, 70.376, 303.140)

Conversions

Conversions Part 1

Format	Color
Hex	9D82FF
RGB	157, 130, 255
RGB Percent	62%, 51%, 100%
CMY	0.3838, 0.4898, 0.0000
CMYK	0.38, 0.49, 0.00, 0.00
HSL	253°, 100%, 76%
HSV	253°, 49%, 100%
XYZ	39.9956, 30.4025, 98.4725
YIQ	152.3230, -24.0330, 44.5990

Conversions

Conversions Part 2

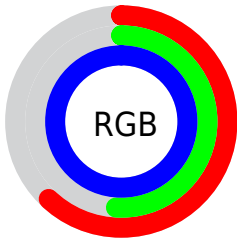
Format	Color
R _Y B	157, 130, 255
Decimal	10322687
CIE Lab	62.00, 38.47, -58.93
CIE LCh	62, 70.376, 303.140
Yxy	30.4025, 0.2368, 0.1800
Android (android.graphics.Color)	4288512767 (0xFF9D82FF)
YUV	152.3230, 50.6198, 4.1017
Hunter-Lab	55.1385, 32.9853, -67.2898

Details

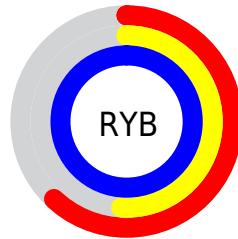
The CIELCh color **62, 70.376, 303.140** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **96, 62.282, 115.418**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 40.054, 308.596**, and **42, 70.063, 303.187** is the 20% darker color. If you saturate the color by 10%, you get **55, 85.761, 304.356**, and if you desaturate by 10%, it is **70, 55.024, 301.999**.

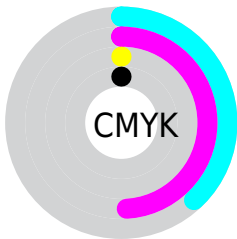
Distribution



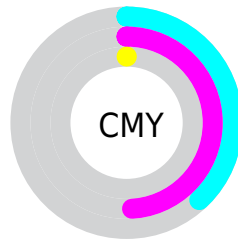
- Red (62%)
- Green (51%)
- Blue (100%)



- Red (62%)
- Yellow (51%)
- Blue (100%)



- Cyan (38%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (38%)
- Magenta (49%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 70.376, 303.140 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, 70.376, 303.140 by changing the saturation by 10% instead.


 62, 70.376,
303.140


 62, 70.376,
303.140


 100, 70.376,
303.140


 52, 70.376,
303.140


 82, 70.376,
303.140

 42, 70.376,
303.140

 92, 70.376,
303.140

 32, 70.376,
303.140

 22, 70.376,
303.140

 12, 70.376,
303.140

 2, 70.376, 303.140

 0, 70.376, 303.140

■ 62, 70.376,
303.140

■ 62, 70.376,
303.140

■ 55, 85.761,
304.356

■ 70, 55.024,
301.999

■ 48, 100.826,
305.549

■ 77, 40.157,
300.962

■ 42, 114.456,
306.566

■ 85, 25.802,
300.045

■ 37, 125.053,
307.188

■ 93, 11.978,
299.245

■ 34, 131.278,
307.262

■ 100, 0.012,
296.813

■ 34, 131.790,
307.265

Harmonies

Complementary

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



62, 70.376, 303.140



96, 62.282, 115.418

Rectangle

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



62, 70.376, 303.140



62, 70.376, 353.140



62, 70.376, 123.140



62, 70.376, 173.140

Sweetspot

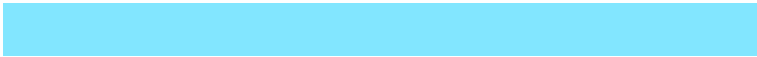
The Sweet Spot groups the original color and five complimentary colors.



62, 70.309, 303.143



88, 20.241, 299.713



86, 31.130, 222.844



45, 13.865, 299.887



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, 70.309, 303.143



55, 85.797, 304.359



68, 72.753, 317.798



49, 7.594, 299.284



24, 105.963, 307.385



4, 44.591, 305.873

Inverse Universe

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



71, 65.966, 334.484



67, 77.227, 335.274



92, 70.200, 133.217



50, 7.792, 331.681



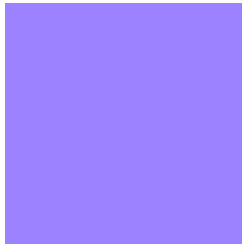
43, 78.726, 339.200



11, 36.923, 337.600

Previews

White Background



This preview shows how the CIELCh color 62, 70.376, 303.140 looks on a white background.

Color Contrast Check

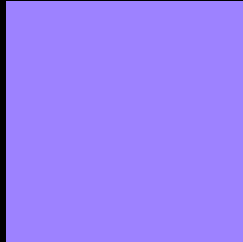
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 70.376, 303.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

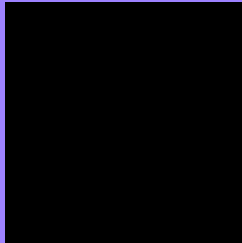
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 70.376, 303.140

Background



This preview shows how black text looks on a background with the CIELCh color 62, 70.376, 303.140.



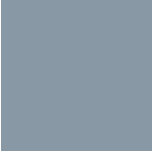
This preview shows how white text looks on a background with the CIELCh color 62, 70.376, 303.140.

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





Tritanopia
62, 8.765, 249.483

Trichromacy



Original Color
62, 70.376, 303.140

Protanomaly
62, 64.371, 292.647

Deuteranomaly
62, 61.240, 288.521

Tritanomaly
62, 29.827, 293.383

Monochromacy



Original Color
62, 70.376, 303.140

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 25.611, 300.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 70.376, 303.140 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(157, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 130, 255)  
}
```

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(157, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 130, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 70.376, 303.140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

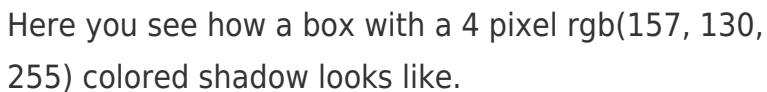
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 130, 255) }
```

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

```
.border{ border-color:rgb(157, 130, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 130, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 130, 255); box-shadow:4px 4px 4px 4px rgb(157, 130, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 70.376, 303.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 130, 255) }
```

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

```
.background{ background-color: rgb(157,  
130, 255) }
```

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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