

Converting Colors

CIELCh(62, 62.311, 302.897)

Have a look what the booklet for
CIELCh(62, 62.311, 302.897)
contains.

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Color

CIELCh(62, 62.119, 302.749)

Conversions

Conversions Part 1

Format	Color
Hex	9D85F3
RGB	157, 133, 243
RGB Percent	62%, 52%, 95%
CMY	0.3844, 0.4785, 0.0472
CMYK	0.35, 0.45, 0.00, 0.05
HSL	253°, 82%, 74%
HSV	253°, 45%, 95%
XYZ	38.4563, 30.4025, 88.6130
YIQ	152.7160, -21.0060, 39.2980

Conversions

Conversions Part 2

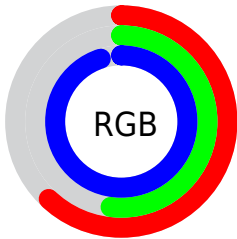
Format	Color
R _Y B	157, 133, 243
Decimal	10323443
CIE Lab	62.00, 33.60, -52.25
CIE LCh	62, 62.119, 302.749
Yxy	30.4025, 0.2442, 0.1931
Android (android.graphics.Color)	4288513523 (0xFF9D85F3)
YUV	152.7160, 44.5100, 3.7571
Hunter-Lab	55.1385, 28.0022, -56.6879

Details

The CIELCh color **62, 62.119, 302.749** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92, 55.695, 115.717**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 38.115, 307.223**, and **42, 61.998, 302.703** is the 20% darker color. If you saturate the color by 10%, you get **55, 76.954, 303.934**, and if you desaturate by 10%, it is **69, 47.557, 301.651**.

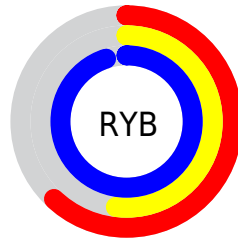
Distribution



Red (62%)

Green (52%)

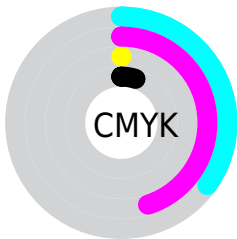
Blue (95%)



Red (62%)

Yellow (52%)

Blue (95%)

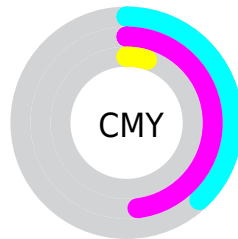


Cyan (35%)

Magenta (45%)

Yellow (0%)

Black (5%)



Cyan (38%)


Magenta (48%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 62.119, 302.749 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, 62.119, 302.749 by changing the saturation by 10% instead.


 62, 62.119,
302.749


 62, 62.119,
302.749


 100, 62.119,
302.749


 52, 62.119,
302.749


 82, 62.119,
302.749

 42, 62.119,
302.749

 92, 62.119,
302.749

 32, 62.119,
302.749

 22, 62.119,
302.749

 12, 62.119,
302.749

 2, 62.119, 302.749

 0, 62.119, 302.749

■ 62, 62.119,
302.749

■ 62, 62.119,
302.749

■ 55, 76.954,
303.934

■ 69, 47.557,
301.651

■ 48, 91.666,
305.139

■ 77, 33.441,
300.666

■ 42, 105.456,
306.237

■ 84, 19.827,
299.799

■ 37, 116.983,
307.032

■ 92, 6.721, 299.044

■ 33, 124.615,
307.302

■ 99, 5.896, 118.400

■ 32, 126.992,
307.299

■ 100, 6.087,
109.710

Harmonies

Complementary

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



62, 62.119, 302.749



92, 55.695, 115.717

Rectangle

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



62, 62.119, 302.749



62, 62.119, 352.749



62, 62.119, 122.749



62, 62.119, 172.749

Sweetspot

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



62, 62.118, 302.749



89, 18.860, 299.700



83, 28.074, 224.780



46, 13.073, 299.875



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, 62.118, 302.749



58, 78.076, 303.797



67, 64.958, 318.180



47, 7.345, 299.350



24, 103.806, 307.415



4, 40.565, 304.647

Inverse Universe

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



70, 58.999, 334.268



69, 71.735, 334.952



89, 62.990, 133.911



48, 7.525, 331.746



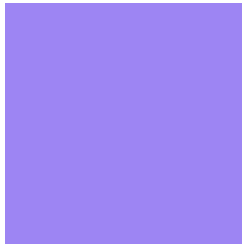
42, 77.076, 339.290



10, 35.008, 337.519

Previews

White Background



This preview shows how the CIELCh color 62, 62.119, 302.749 looks on a white background.

Color Contrast Check

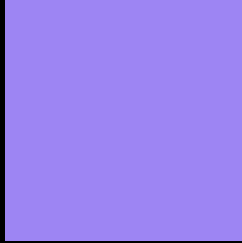
Large Text (above 18pt) WCAG AA × Fail

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, 62.119, 302.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

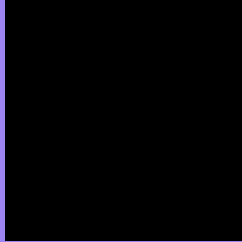
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 62.119, 302.749

Background



This preview shows how black text looks on a background with the CIELCh color 62, 62.119, 302.749.



This preview shows how white text looks on a background with the CIELCh color 62, 62.119, 302.749.

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, 62.119, 302.749

Protanopia
62, 61.276, 286.602

Deuteranopia
62, 50.785, 280.225



Tritanopia
62, 7.761, 259.671

Trichromacy



Original Color
62, 62.119, 302.749



Protanomaly
62, 61.589, 292.118



Deuteranomaly
62, 53.929, 288.606



Tritanomaly
62, 27.049, 294.523

Monochromacy



Original Color
62, 62.119, 302.749



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 22.692, 299.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 62.119, 302.749 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, 133, 243)` looks like.

```
.text, #text, p{  
    color:rgb(157, 133, 243)  
}
```

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, 133, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 133, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 62.119, 302.749 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, 133, 243) }
```

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

```
.border{ border-color:rgb(157, 133, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 133, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 133, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 133, 243);  
box-shadow:4px 4px 4px 4px rgb(157, 133,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 62.119, 302.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 133, 243) }
```

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

```
.background{ background-color: rgb(157,  
133, 243) }
```

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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