

Converting Colors

CIELCh(62, 73.685, 307.531)

Have a look what the booklet for
CIELCh(62, 73.685, 307.531)
contains.

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Color

CIELCh(62, 73.752, 307.546)

Conversions

Conversions Part 1

Format	Color
Hex	AB7CFE
RGB	171, 124, 254
RGB Percent	67%, 49%, 100%
CMY	0.3277, 0.5122, 0.0022
CMYK	0.33, 0.51, 0.00, 0.00
HSL	262°, 99%, 74%
HSV	262°, 51%, 100%
XYZ	42.1037, 30.4025, 97.7820
YIQ	152.8730, -13.7180, 50.3940

Conversions

Conversions Part 2

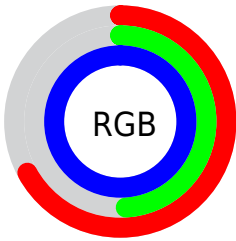
Format	Color
RYB	171, 124, 254
Decimal	11238654
CIELab	62.00, 44.94, -58.48
CIElCh	62, 73.752, 307.546
Yxy	30.4025, 0.2472, 0.1785
Android (android.graphics.Color)	4289428734 (0xFFAB7CFE)
YUV	152.8730, 49.8556, 15.8974
Hunter-Lab	55.1385, 39.8101, -66.5473

Details

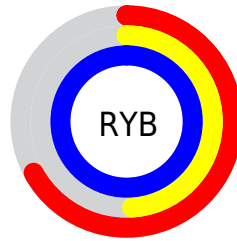
The CIELCh color **62, 73.752, 307.546** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **94, 66.456, 121.455**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 44.548, 315.841**, and **42, 74.213, 307.556** is the 20% darker color. If you saturate the color by 10%, you get **55, 88.633, 308.308**, and if you desaturate by 10%, it is **69, 58.676, 306.766**.

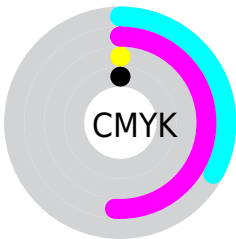
Distribution



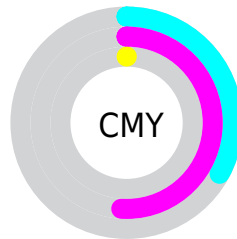
- Red (67%)
- Green (49%)
- Blue (100%)



- Red (67%)
- Yellow (49%)
- Blue (100%)



- Cyan (33%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)




- Cyan (33%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 73.752, 307.546 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, 73.752, 307.546 by changing the saturation by 10% instead.


 62, 73.752,
307.546

 62, 73.752,
307.546


 100, 73.752,
307.546


 52, 73.752,
307.546


 82, 73.752,
307.546

 42, 73.752,
307.546

 92, 73.752,
307.546

 32, 73.752,
307.546

 22, 73.752,
307.546

 12, 73.752,
307.546

 2, 73.752, 307.546

 0, 73.752, 307.546

62, 73.752,
307.546

62, 73.752,
307.546

55, 88.633,
308.308

69, 58.676,
306.766

49, 102.664,
308.962

77, 43.776,
306.018

43, 114.796,
309.376

84, 29.234,
305.327

39, 123.714,
309.386

91, 15.133,
304.702

37, 128.498,
309.022

99, 1.498, 304.100

100, 0.274,
109.875

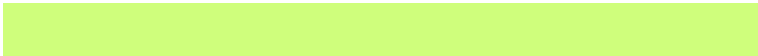
Harmonies

Complementary

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



62, 73.752, 307.546



94, 66.456, 121.455

Rectangle

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



62, 73.752, 307.546



62, 73.752, 357.546



62, 73.752, 127.546



62, 73.752, 177.546

Sweetspot

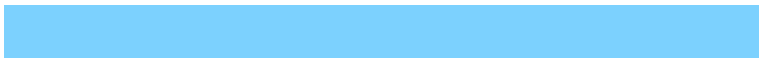
The Sweet Spot groups the original color and five complimentary colors.



62, 73.751, 307.546



89, 20.598, 304.937



80, 33.047, 245.895



46, 14.103, 305.069



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, 73.751, 307.546



55, 88.629, 308.300



69, 77.145, 322.526



49, 7.736, 304.608



27, 103.454, 309.195



5, 44.853, 309.211

Inverse Universe

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



70, 62.228, 341.395



65, 72.254, 342.605



91, 76.239, 136.998



50, 7.024, 337.555



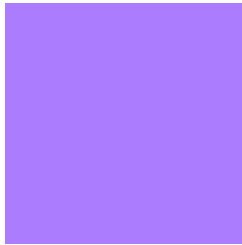
42, 71.679, 349.754



11, 33.803, 346.310

Previews

White Background



This preview shows how the CIELCh color 62, 73.752, 307.546 looks on a white background.

Color Contrast Check

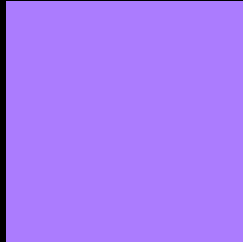
Large Text (above 18pt) WCAG AA × Fail

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, 73.752, 307.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

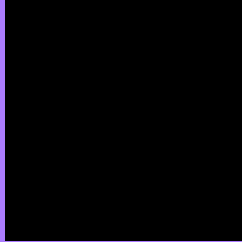
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 73.752, 307.546

Background



This preview shows how black text looks on a background with the CIELCh color 62, 73.752, 307.546.

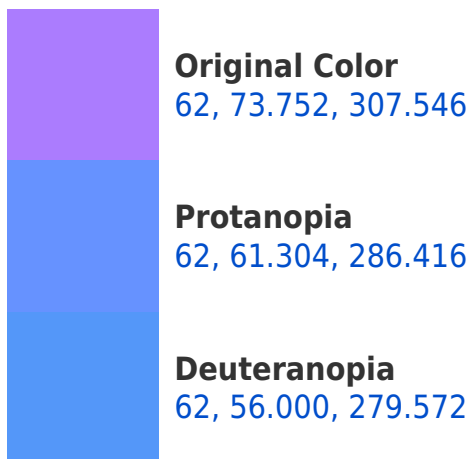



This preview shows how white text looks on a background with the CIELCh color 62, 73.752, 307.546.

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, 6.385, 304.517

Trichromacy



Original Color
62, 73.752, 307.546

Protanomaly
62, 65.503, 294.362

Deuteranomaly
61, 61.716, 290.607

Tritanomaly
61, 31.855, 305.853

Monochromacy



Original Color
62, 73.752, 307.546

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 27.164, 305.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 73.752, 307.546 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(171, 124, 254)` looks like.

```
.text, #text, p{  
    color:rgb(171, 124, 254)  
}
```

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(171, 124, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 124, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 73.752, 307.546 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(171, 124, 254) }
```

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

```
.border{ border-color:rgb(171, 124, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 124, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 124, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 124, 254); box-shadow:4px 4px 4px 4px rgb(171, 124, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 73.752, 307.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 124, 254) }
```

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

```
.background{ background-color: rgb(171,  
124, 254) }
```

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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