

Converting Colors

CIELCh(62, 70.391, 303.957)

Have a look what the booklet for
CIELCh(62, 70.391, 303.957)
contains.

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Color

CIELCh(62, 70.498, 304.071)

Conversions

Conversions Part 1

Format	Color
Hex	A081FE
RGB	160, 129, 254
RGB Percent	63%, 51%, 100%
CMY	0.3718, 0.4935, 0.0032
CMYK	0.37, 0.49, 0.00, 0.00
HSL	255°, 99%, 75%
HSV	255°, 49%, 100%
XYZ	40.3233, 30.4025, 97.6624
YIQ	152.5190, -21.6490, 45.4470

Conversions

Conversions Part 2

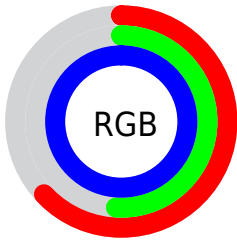
Format	Color
R _Y B	160, 129, 254
Decimal	10519038
CIE Lab	62.00, 39.49, -58.40
CIE LCh	62, 70.498, 304.071
Yxy	30.4025, 0.2395, 0.1806
Android (android.graphics.Color)	4288709118 (0xFFA081FE)
YUV	152.5190, 50.0301, 6.5608
Hunter-Lab	55.1385, 34.0465, -66.4187

Details

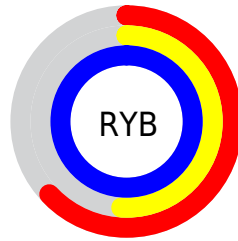
The CIELCh color `62, 70.498, 304.071` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `95, 62.677, 116.795`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `79, 40.928, 310.243`, and `42, 70.657, 304.040` is the 20% darker color. If you saturate the color by 10%, you get `55, 85.812, 305.175`, and if you desaturate by 10%, it is `70, 55.288, 303.017`.

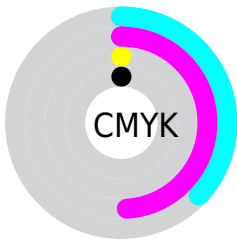
Distribution



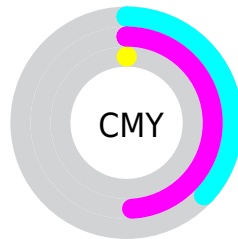
- Red (63%)
- Green (51%)
- Blue (100%)



- Red (63%)
- Yellow (51%)
- Blue (100%)



- Cyan (37%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (49%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 70.498, 304.071 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, 70.498, 304.071 by changing the saturation by 10% instead.


 62, 70.498,
304.071


 62, 70.498,
304.071


 100, 70.498,
304.071


 52, 70.498,
304.071


 82, 70.498,
304.071

 42, 70.498,
304.071

 92, 70.498,
304.071

 32, 70.498,
304.071

 22, 70.498,
304.071

 12, 70.498,
304.071

 2, 70.498, 304.071

 0, 70.498, 304.071

■ 62, 70.498,
304.071

■ 62, 70.498,
304.071

■ 55, 85.812,
305.175

■ 70, 55.288,
303.017

■ 48, 100.669,
306.240

■ 77, 40.455,
302.053

■ 42, 114.031,
307.119

■ 85, 26.105,
301.194

■ 38, 124.372,
307.607

■ 93, 12.270,
300.439

■ 35, 130.490,
307.570

■ 100, 0.403,
109.956

■ 34, 130.901,
307.564

Harmonies

Complementary

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



62, 70.498, 304.071



95, 62.677, 116.795

Rectangle

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



62, 70.498, 304.071



62, 70.498, 354.071



62, 70.498, 124.071



62, 70.498, 174.071

Sweetspot

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



62, 70.497, 304.071



88, 20.305, 300.866



85, 30.936, 227.866



45, 13.908, 301.029



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, 70.497, 304.071



55, 85.754, 305.155



68, 73.173, 318.843



49, 7.619, 300.462



25, 105.492, 307.696



4, 44.654, 306.539

Inverse Universe

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



71, 64.661, 335.835



67, 75.625, 336.685



92, 71.006, 134.146



50, 7.617, 332.862



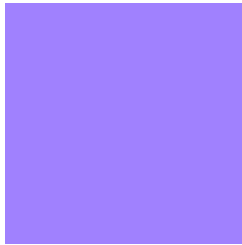
43, 76.950, 341.273



11, 36.166, 339.325

Previews

White Background



This preview shows how the CIELCh color 62, 70.498, 304.071 looks on a white background.

Color Contrast Check

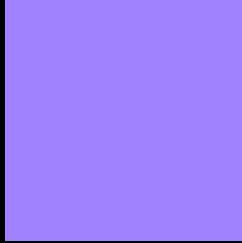
Large Text (above 18pt) WCAG AA × Fail

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, 70.498, 304.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

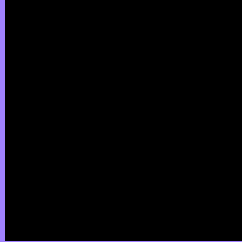
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 70.498, 304.071

Background



This preview shows how black text looks on a background with the CIELCh color 62, 70.498, 304.071.



This preview shows how white text looks on a background with the CIELCh color 62, 70.498, 304.071.

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, 7.761, 259.671

Trichromacy



Original Color
62, 70.498, 304.071



Protanomaly
62, 64.355, 292.855



Deuteranomaly
62, 60.653, 288.782



Tritanomaly
62, 29.906, 295.940

Monochromacy



Original Color
62, 70.498, 304.071



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 26.265, 302.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 70.498, 304.071 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(160, 129, 254)` looks like.

```
.text, #text, p{  
    color:rgb(160, 129, 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(160, 129, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 129, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 70.498, 304.071 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(160, 129, 254) }
```

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

```
.border{ border-color:rgb(160, 129, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 129, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 129, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 129, 254); box-shadow:4px 4px 4px 4px rgb(160, 129, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 70.498, 304.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 129, 254) }
```

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

```
.background{ background-color: rgb(160,  
129, 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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