

Converting Colors

CIELCh(62, 71.938, 307.115)

Have a look what the booklet for
CIELCh(62, 71.938, 307.115)
contains.

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Color

CIELCh(62, 71.475, 307.087)

Conversions

Conversions Part 1

Format	Color
Hex	AA7EFC
RGB	170, 126, 252
RGB Percent	67%, 49%, 99%
CMY	0.3342, 0.5067, 0.0127
CMYK	0.33, 0.50, 0.00, 0.01
HSL	261°, 95%, 74%
HSV	261°, 50%, 99%
XYZ	41.4959, 30.4025, 95.5818
YIQ	153.5200, -14.2220, 48.5140

Conversions

Conversions Part 2

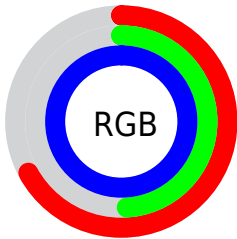
Format	Color
R _Y B	170, 126, 252
Decimal	11173628
CIE Lab	62.00, 43.10, -57.02
CIE LCh	62, 71.475, 307.087
Yxy	30.4025, 0.2478, 0.1815
Android (android.graphics.Color)	4289363708 (0xFFAA7EFC)
YUV	153.5200, 48.5506, 14.4530
Hunter-Lab	55.1385, 37.8424, -64.1815

Details

The CIELCh color $62, 71.475, 307.087$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $94, 64.436, 120.992$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 43.179, 315.088$, and $42, 71.942, 307.073$ is the 20% darker color. If you saturate the color by 10%, you get $55, 86.321, 307.887$, and if you desaturate by 10%, it is $69, 56.514, 306.282$.

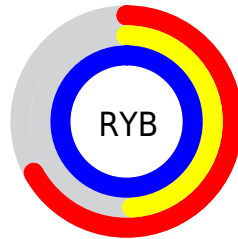
Distribution



Red (67%)

Green (49%)

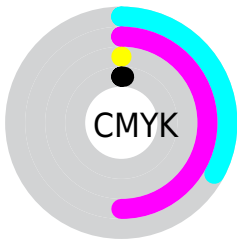
Blue (99%)



Red (67%)

Yellow (49%)

Blue (99%)

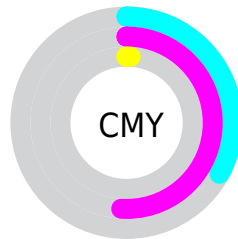


Cyan (33%)

Magenta (50%)

Yellow (0%)

Black (1%)



Cyan (33%)


Magenta (51%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 71.475, 307.087 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, 71.475, 307.087 by changing the saturation by 10% instead.


 62, 71.475,
307.087


 62, 71.475,
307.087


 100, 71.475,
307.087


 52, 71.475,
307.087


 82, 71.475,
307.087

 42, 71.475,
307.087

 92, 71.475,
307.087

 32, 71.475,
307.087

 22, 71.475,
307.087

 12, 71.475,
307.087

 2, 71.475, 307.087

 0, 71.475, 307.087

62, 71.475,
307.087

62, 71.475,
307.087

55, 86.321,
307.887

69, 56.514,
306.282

49, 100.442,
308.596

77, 41.772,
305.517

43, 112.837,
309.084

84, 27.411,
304.816

39, 122.187,
309.185

91, 13.500,
304.185

36, 127.771,
308.835

99, 0.058, 302.277
100, 1.629,
110.009

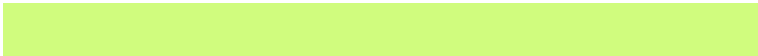
Harmonies

Complementary

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



62, 71.475, 307.087



94, 64.436, 120.992

Rectangle

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



62, 71.475, 307.087



62, 71.475, 357.087



62, 71.475, 127.087



62, 71.475, 177.087

Sweetspot

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



62, 71.474, 307.087



89, 20.561, 304.490



80, 31.865, 243.163



46, 14.078, 304.624



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, 71.474, 307.087



56, 87.168, 307.887



69, 74.828, 321.974



48, 7.594, 304.153



26, 102.659, 309.007



5, 42.965, 308.496

Inverse Universe

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



70, 61.022, 340.629



66, 71.874, 341.793



90, 73.765, 136.685



49, 6.971, 336.994



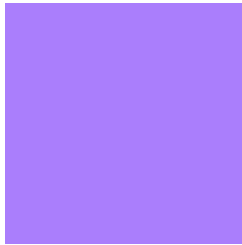
42, 71.463, 348.706



10, 33.187, 345.299

Previews

White Background



This preview shows how the CIELCh color 62, 71.475, 307.087 looks on a white background.

Color Contrast Check

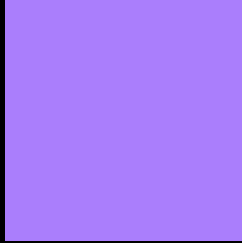
Large Text (above 18pt) WCAG AA × Fail

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, 71.475, 307.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

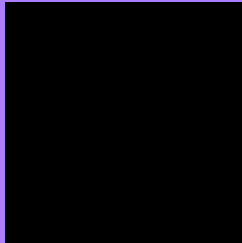
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 71.475, 307.087

Background



This preview shows how black text looks on a background with the CIELCh color 62, 71.475, 307.087.

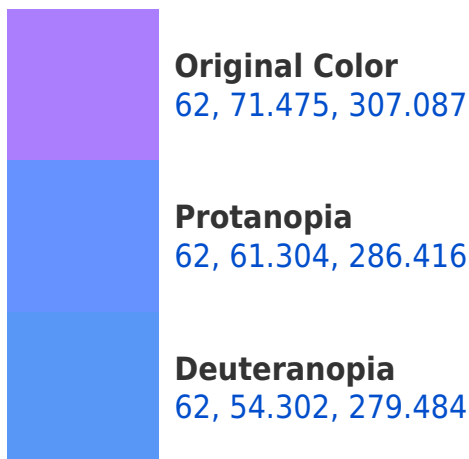



This preview shows how white text looks on a background with the CIELCh color 62, 71.475, 307.087.

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, 6.855, 300.376

Trichromacy



Original Color
62, 71.475, 307.087

Protanomaly
62, 64.358, 293.956

Deuteranomaly
62, 59.461, 290.288

Tritanomaly
62, 30.596, 304.976

Monochromacy



Original Color
62, 71.475, 307.087

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 26.549, 305.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 71.475, 307.087 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(170, 126, 252)` looks like.

```
.text, #text, p{  
    color:rgb(170, 126, 252)  
}
```

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(170, 126, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 126, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 71.475, 307.087 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(170, 126, 252) }
```

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

```
.border{ border-color:rgb(170, 126, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 126, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 126, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 126, 252);  
box-shadow:4px 4px 4px 4px rgb(170, 126,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 71.475, 307.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 126, 252) }
```

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

```
.background{ background-color: rgb(170,  
126, 252) }
```

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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