

Converting Colors

CIELCh(62, 87.980, 318.489)

Have a look what the booklet for
CIELCh(62, 87.980, 318.489)
contains.

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Color

CIELCh(62, 87.982, 318.501)

Conversions

Conversions Part 1

Format	Color
Hex	D366FF
RGB	211, 102, 255
RGB Percent	83%, 40%, 100%
CMY	0.1742, 0.6016, 0.0017
CMYK	0.17, 0.60, 0.00, 0.00
HSL	283°, 99%, 70%
HSV	283°, 60%, 100%
XYZ	49.4355, 30.4025, 97.5119
YIQ	152.0330, 15.8510, 70.6910

Conversions

Conversions Part 2

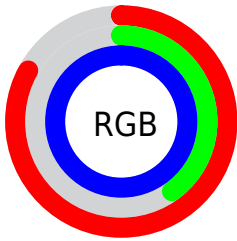
Format	Color
R _Y B	211, 102, 255
Decimal	13854463
CIE Lab	62.00, 65.90, -58.30
CIE LCh	62, 87.982, 318.501
Yxy	30.4025, 0.2787, 0.1714
Android (android.graphics.Color)	4292044543 (0xFFD366FF)
YUV	152.0330, 50.7627, 51.7141
Hunter-Lab	55.1385, 63.5453, -66.2569

Details

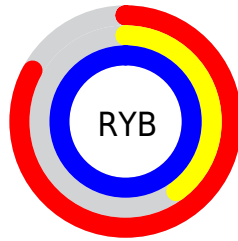
The CIELCh color $62, 87.982, 318.501$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $91, 84.676, 132.998$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 60.331, 326.496$, and $42, 87.753, 318.614$ is the 20% darker color. If you saturate the color by 10%, you get $57, 99.972, 318.634$, and if you desaturate by 10%, it is $67, 74.355, 318.221$.

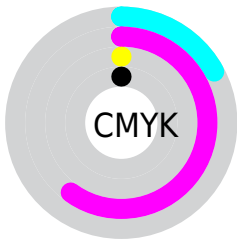
Distribution



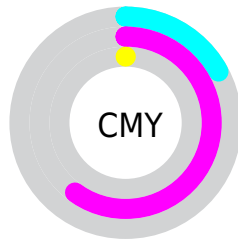
- Red (83%)
- Green (40%)
- Blue (100%)



- Red (83%)
- Yellow (40%)
- Blue (100%)



- Cyan (17%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (60%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 87.982, 318.501 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, 87.982, 318.501 by changing the saturation by 10% instead.


 62, 87.982,
318.501


 62, 87.982,
318.501


 100, 87.982,
318.501


 52, 87.982,
318.501


 82, 87.982,
318.501

 42, 87.982,
318.501

 92, 87.982,
318.501

 32, 87.982,
318.501

 22, 87.982,
318.501

 12, 87.982,
318.501

 2, 87.982, 318.501

 0, 87.982, 318.501

62, 87.982,
318.501

62, 87.982,
318.501

57, 99.972,
318.634

67, 74.355,
318.221

53, 109.547,
318.556

73, 59.783,
317.848

50, 116.030,
318.202

80, 44.781,
317.426

48, 119.449,
317.576

86, 29.704,
316.983

93, 14.778,
316.537

100, 0.140,
314.558

100, 0.204,
109.784

Harmonies

Complementary

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



62, 87.982, 318.501



91, 84.676, 132.998

Rectangle

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



62, 87.982, 318.501



62, 87.982, 8.501



62, 87.982, 138.501



62, 87.982, 188.501

Sweetspot

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



62, 87.980, 318.501



88, 26.603, 316.890



63, 60.242, 285.629



45, 18.531, 317.019



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, 87.980, 318.501



56, 102.148, 318.638



67, 79.087, 334.662



50, 8.334, 316.511



36, 96.244, 317.736



8, 44.009, 318.868

Inverse Universe

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



64, 62.180, 6.153



59, 72.676, 9.901



90, 80.167, 144.607



50, 5.632, 357.679



40, 71.122, 22.372



10, 31.514, 13.599

Previews

White Background



This preview shows how the CIELCh color 62, 87.982, 318.501 looks on a white background.

Color Contrast Check

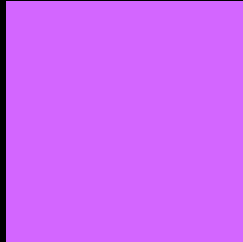
Large Text (above 18pt) WCAG AA × Fail

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, 87.982, 318.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

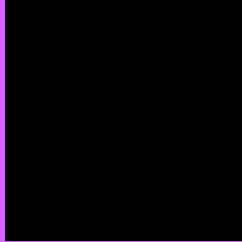
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 87.982, 318.501

Background



This preview shows how black text looks on a background with the CIELCh color 62, 87.982, 318.501.

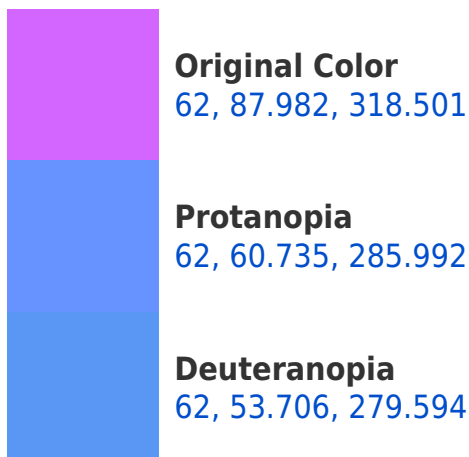


This preview shows how white text looks on a background with the CIELCh color 62, 87.982, 318.501.

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, 25.183, 9.513

Trichromacy



Original Color
62, 87.982, 318.501



Protanomaly
61, 70.296, 299.638



Deuteranomaly
60, 64.684, 297.063



Tritanomaly
61, 44.189, 333.263

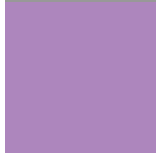
Monochromacy



Original Color
62, 87.982, 318.501



Achromatopsia
63, 0.008, 296.813



Achromatomaly
61, 33.956, 317.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 87.982, 318.501 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(211, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 102, 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(211, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 102, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 87.982, 318.501 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(211, 102, 255) }
```

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

```
.border{ border-color:rgb(211, 102, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 102,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 87.982, 318.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 102, 255) }
```

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

```
.background{ background-color: rgb(211,  
102, 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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