

Converting Colors

CIELCh(62, 65.765, 296.792)

Have a look what the booklet for
CIELCh(62, 65.765, 296.792)
contains.

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Color

CIELCh(62, 66.024, 296.830)

Conversions

Conversions Part 1

Format	Color
Hex	8989FF
RGB	137, 137, 255
RGB Percent	54%, 54%, 100%
CMY	0.4630, 0.4630, 0.0003
CMYK	0.46, 0.46, 0.00, 0.00
HSL	240°, 100%, 77%
HSV	240°, 46%, 100%
XYZ	37.2816, 30.4025, 98.4542
YIQ	150.4520, -37.8780, 36.6980

Conversions

Conversions Part 2

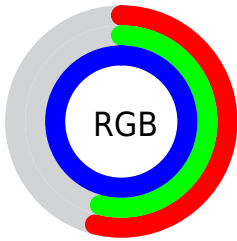
Format	Color
RYB	137, 137, 255
Decimal	9013759
CIELab	62.00, 29.80, -58.92
CIElCh	62, 66.024, 296.830
Yxy	30.4025, 0.2244, 0.1830
Android (android.graphics.Color)	4287203839 (0xFF8989FF)
YUV	150.4520, 51.5422, -11.7974
Hunter-Lab	55.1385, 24.1995, -67.2701

Details

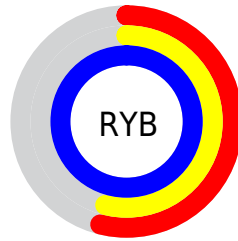
The CIELCh color **62, 66.024, 296.830** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **98, 58.149, 105.724**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 34.843, 296.371**, and **42, 66.463, 297.024** is the 20% darker color. If you saturate the color by 10%, you get **54, 81.903, 298.932**, and if you desaturate by 10%, it is **70, 50.654, 294.962**.

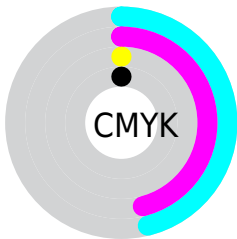
Distribution



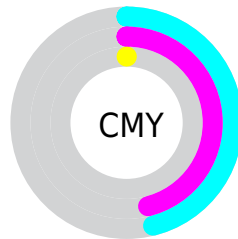
- Red (54%)
- Green (54%)
- Blue (100%)



- Red (54%)
- Yellow (54%)
- Blue (100%)



- Cyan (46%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (46%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 66.024, 296.830 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, 66.024, 296.830 by changing the saturation by 10% instead.


 62, 66.024,
296.830


 62, 66.024,
296.830


 100, 66.024,
296.830


 52, 66.024,
296.830


 82, 66.024,
296.830

 42, 66.024,
296.830

 92, 66.024,
296.830

 32, 66.024,
296.830

 22, 66.024,
296.830

 12, 66.024,
296.830

 2, 66.024, 296.830

 0, 66.024, 296.830

■ 62, 66.024,
296.830

■ 62, 66.024,
296.830

■ 54, 81.903,
298.932

■ 70, 50.654,
294.962

■ 47, 97.881,
301.170

■ 78, 35.908,
293.350

■ 40, 112.923,
303.326

■ 87, 21.783,
291.978

■ 36, 125.102,
305.066

■ 95, 8.243, 290.822

■ 33, 132.187,
306.064

100, 0.022,
106.702

■ 32, 133.788,
306.287

Harmonies

Complementary

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



62, 66.024, 296.830



98, 58.149, 105.724

Rectangle

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



62, 66.024, 296.830



62, 66.024, 346.830



62, 66.024, 116.830



62, 66.024, 166.830

Sweetspot

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



62, 66.023, 296.831



89, 18.643, 291.696



93, 35.118, 195.581



45, 12.928, 291.962



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, 66.023, 296.831



54, 81.463, 298.870



67, 67.178, 310.919



49, 7.503, 291.172



23, 107.779, 306.287



3, 44.126, 301.758

Inverse Universe

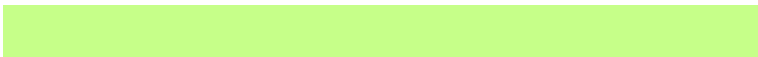
The Inverse Universe completely reimagines the original color for something new.



70, 48.991, 24.491



65, 60.856, 26.629



94, 62.532, 126.293



49, 5.254, 19.940



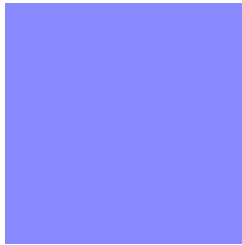
40, 84.228, 39.998



10, 33.367, 27.174

Previews

White Background



This preview shows how the CIELCh color 62, 66.024, 296.830 looks on a white background.

Color Contrast Check

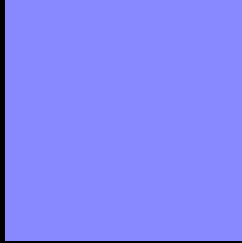
Large Text (above 18pt) WCAG AA × Fail

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, 66.024, 296.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

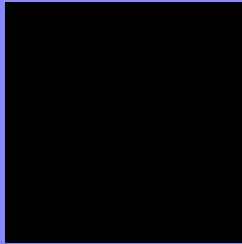
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 66.024, 296.830

Background



This preview shows how black text looks on a background with the CIELCh color 62, 66.024, 296.830.

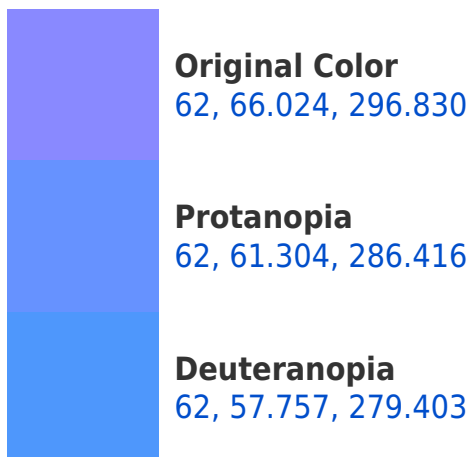


This preview shows how white text looks on a background with the CIELCh color 62, 66.024, 296.830.

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, 16.180, 223.001

Trichromacy



Original Color
62, 66.024, 296.830

Protanomaly
62, 62.721, 290.129

Deuteranomaly
62, 60.324, 285.510

Tritanomaly
62, 29.042, 275.576

Monochromacy



Original Color
62, 66.024, 296.830

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 24.202, 292.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 66.024, 296.830 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(137, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 137, 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(137, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 137, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 66.024, 296.830 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(137, 137, 255) }
```

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

```
.border{ border-color:rgb(137, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 137,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 66.024, 296.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 137, 255) }
```

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

```
.background{ background-color: rgb(137,  
137, 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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