

Converting Colors

CIELCh(64, 66.141, 295.415)

Have a look what the booklet for
CIELCh(64, 66.141, 295.415)
contains.

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Color

CIELCh(64, 62.380, 295.173)

Conversions

Conversions Part 1

Format	Color
Hex	8B90FF
RGB	139, 144, 255
RGB Percent	55%, 56%, 100%
CMY	0.4538, 0.4348, 0.0000
CMYK	0.45, 0.43, 0.00, 0.00
HSL	237°, 100%, 77%
HSV	237°, 45%, 100%
XYZ	38.9419, 32.8017, 99.9699
YIQ	155.1590, -38.6110, 33.4610

Conversions

Conversions Part 2

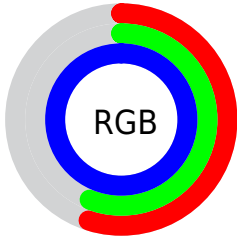
Format	Color
RYB	139, 144, 255
Decimal	9146623
CIELab	64.00, 26.53, -56.46
CIElCh	64, 62.380, 295.173
Yxy	32.8017, 0.2268, 0.1910
Android (android.graphics.Color)	4287336703 (0xFF8B90FF)
YUV	155.1590, 49.2216, -14.1714
Hunter-Lab	57.2727, 21.1417, -63.4002

Details

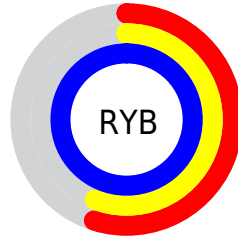
The CIELCh color **64, 62.380, 295.173** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97, 55.039, 103.865**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.286, 292.178**, and **44, 61.916, 294.995** is the 20% darker color. If you saturate the color by 10%, you get **56, 76.828, 297.254**, and if you desaturate by 10%, it is **72, 47.089, 293.202**.

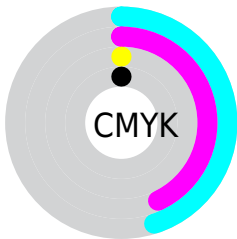
Distribution



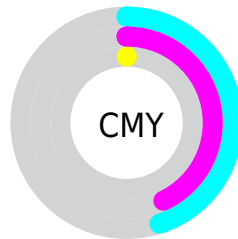
- Red (55%)
- Green (56%)
- Blue (100%)



- Red (55%)
- Yellow (56%)
- Blue (100%)



- Cyan (45%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 62.380, 295.173 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 64, 62.380, 295.173 by changing the saturation by 10% instead.


 64, 62.380,
295.173


 64, 62.380,
295.173


 100, 62.380,
295.173


 54, 62.380,
295.173


 84, 62.380,
295.173

 44, 62.380,
295.173

 94, 62.380,
295.173

 34, 62.380,
295.173

 24, 62.380,
295.173

 14, 62.380,
295.173

 4, 62.380, 295.173

 0, 62.380, 295.173

■ 64, 62.380,
295.173

■ 64, 62.380,
295.173

■ 56, 76.828,
297.254

■ 72, 47.089,
293.202

■ 49, 92.267,
299.601

■ 80, 33.086,
291.572

■ 42, 107.303,
301.971

■ 88, 19.654,
290.187

■ 37, 120.475,
304.071

■ 96, 6.753, 289.020

■ 34, 129.687,
305.558

100, 0.012,
296.813

■ 33, 132.178,
305.949

Harmonies

Complementary

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



64, 62.380, 295.173



97, 55.039, 103.865

Rectangle

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



64, 62.380, 295.173



64, 62.380, 345.173



64, 62.380, 115.173



64, 62.380, 165.173

Sweetspot

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



64, 61.686, 295.098



89, 17.837, 290.013



93, 35.066, 192.315



46, 12.366, 290.286



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64, 61.686, 295.098



57, 74.705, 296.941



67, 65.656, 309.828



49, 7.182, 289.475



23, 105.901, 305.803



4, 42.793, 301.051

Inverse Universe

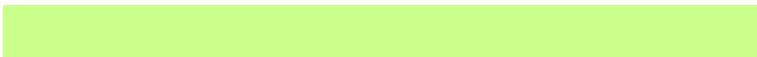
The Inverse Universe completely reimagines the original color for something new.



71, 47.367, 21.254



66, 57.527, 23.158



94, 60.865, 125.108



49, 5.256, 16.541



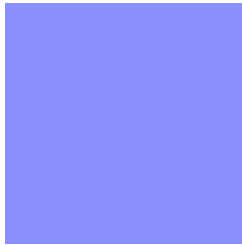
40, 82.427, 38.393



10, 33.026, 25.491

Previews

White Background



This preview shows how the CIELCh color 64, 62.380, 295.173 looks on a white background.

Color Contrast Check

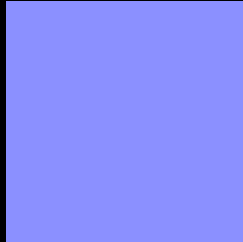
Large Text (above 18pt) WCAG AA × Fail

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 64, 62.380, 295.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

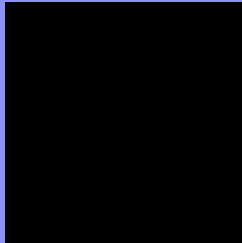
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 62.380, 295.173

Background



This preview shows how black text looks on a background with the CIELCh color 64, 62.380, 295.173.




This preview shows how white text looks on a background with the CIELCh color 64, 62.380, 295.173.

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
64, 16.591, 224.355

Trichromacy



Original Color
64, 61.770, 295.079

Protanomaly
64, 59.069, 289.272

Deuteranomaly
64, 57.182, 285.463

Tritanomaly
64, 28.079, 272.701

Monochromacy



Original Color
64, 61.770, 295.079

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 22.358, 290.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 62.380, 295.173 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(139, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 144, 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(139, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 144, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 62.380, 295.173 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(139, 144, 255) }
```

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

```
.border{ border-color:rgb(139, 144, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 144,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 62.380, 295.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 144, 255) }
```

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

```
.background{ background-color: rgb(139,  
144, 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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