

Converting Colors

CIELCh(65, 69.881, 297.740)

Have a look what the booklet for
CIELCh(65, 69.881, 297.740)
contains.

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Color

CIELCh(64, 62.346, 297.346)

Conversions

Conversions Part 1

Format	Color
Hex	928EFE
RGB	146, 142, 254
RGB Percent	57%, 56%, 100%
CMY	0.4259, 0.4414, 0.0025
CMYK	0.42, 0.44, 0.00, 0.00
HSL	242°, 99%, 78%
HSV	242°, 44%, 100%
XYZ	39.6082, 32.8017, 98.3177
YIQ	155.9640, -33.5680, 35.6800

Conversions

Conversions Part 2

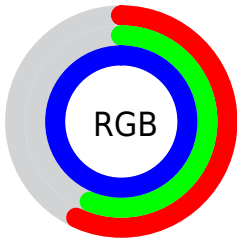
Format	Color
RYB	146, 142, 254
Decimal	9604862
CIELab	64.00, 28.64, -55.38
CIElCh	64, 62.346, 297.346
Yxy	32.8017, 0.2320, 0.1921
Android (android.graphics.Color)	4287794942 (0xFF928EFE)
YUV	155.9640, 48.3317, -8.7384
Hunter-Lab	57.2727, 23.2182, -61.6897

Details

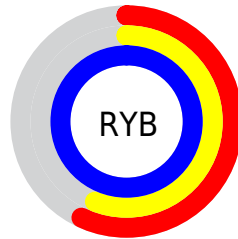
The CIELCh color `64, 62.346, 297.346` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `97, 55.392, 107.562`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 31.537, 297.596`, and `44, 62.515, 297.250` is the 20% darker color. If you saturate the color by 10%, you get `56, 78.052, 299.236`, and if you desaturate by 10%, it is `72, 47.161, 295.672`.

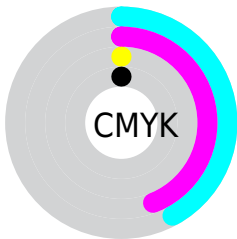
Distribution



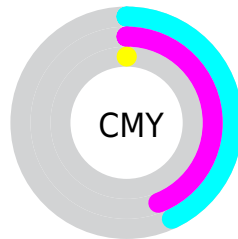
- Red (57%)
- Green (56%)
- Blue (100%)



- Red (57%)
- Yellow (56%)
- Blue (100%)



- Cyan (42%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 62.346, 297.346 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, 62.346, 297.346 by changing the saturation by 10% instead.

 64, 62.346,
297.346

 64, 62.346,
297.346


 100, 62.346,
297.346


 54, 62.346,
297.346


 84, 62.346,
297.346

 44, 62.346,
297.346

 94, 62.346,
297.346

 34, 62.346,
297.346

 24, 62.346,
297.346

 14, 62.346,
297.346

 4, 62.346, 297.346

 0, 62.346, 297.346

■ 64, 62.346,
297.346

■ 64, 62.346,
297.346

■ 56, 78.052,
299.236

■ 72, 47.161,
295.672

■ 49, 93.957,
301.270

■ 80, 32.588,
294.225

■ 42, 109.221,
303.277

■ 88, 18.621,
292.992

■ 37, 122.194,
304.969

■ 97, 5.223, 291.951

■ 33, 130.661,
306.020

100, 0.309,
109.905

■ 32, 133.411,
306.357

Harmonies

Complementary

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



64, 62.346, 297.346



97, 55.392, 107.562

Rectangle

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



64, 62.346, 297.346



64, 62.346, 347.346



64, 62.346, 117.346



64, 62.346, 167.346

Sweetspot

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



64, 62.345, 297.347



89, 17.288, 292.879



92, 32.372, 200.872



46, 12.151, 293.130



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, 62.345, 297.347



57, 76.616, 299.040



69, 63.990, 312.365



49, 7.508, 292.500



23, 107.605, 306.387



3, 44.213, 302.472

Inverse Universe

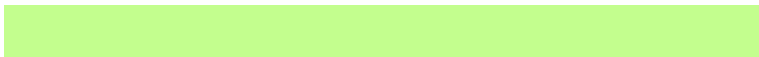
The Inverse Universe completely reimagines the original color for something new.



75, 67.457, 327.815



71, 79.804, 328.253



94, 60.299, 128.163



50, 8.843, 325.907



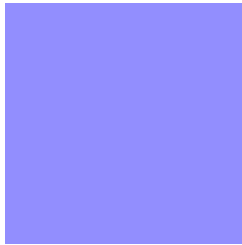
45, 90.542, 329.688



12, 41.793, 329.507

Previews

White Background



This preview shows how the CIELCh color 64, 62.346, 297.346 looks on a white background.

Color Contrast Check

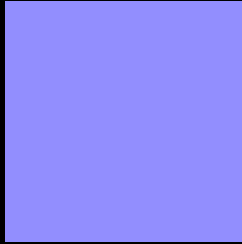
Large Text (above 18pt) WCAG AA × Fail

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 64, 62.346, 297.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

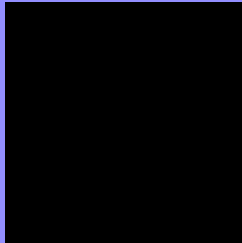
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 62.346, 297.346

Background



This preview shows how black text looks on a background with the CIELCh color 64, 62.346, 297.346.



This preview shows how white text looks on a background with the CIELCh color 64, 62.346, 297.346.

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, 13.653, 228.021

Trichromacy



Original Color
64, 62.414, 297.375

Protanomaly
64, 59.587, 290.350

Deuteranomaly
64, 57.092, 286.609

Tritanomaly
64, 27.909, 279.105

Monochromacy



Original Color
64, 62.414, 297.375

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 22.935, 294.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 62.346, 297.346 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(146, 142, 254)` looks like.

```
.text, #text, p{  
    color:rgb(146, 142, 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(146, 142, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 142, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 62.346, 297.346 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(146, 142, 254) }
```

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

```
.border{ border-color:rgb(146, 142, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 142, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 142, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 142, 254);  
box-shadow:4px 4px 4px 4px rgb(146, 142,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 62.346, 297.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 142, 254) }
```

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

```
.background{ background-color: rgb(146,  
142, 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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