

Converting Colors

CIELCh(65, 61.772, 299.326)

Have a look what the booklet for
CIELCh(65, 61.772, 299.326)
contains.

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Color

CIELCh(65, 61.772, 299.326)

Conversions

Conversions Part 1

Format	Color
Hex	9C90FF
RGB	156, 144, 255
RGB Percent	61%, 56%, 100%
CMY	0.3899, 0.4368, 0.0017
CMYK	0.39, 0.44, 0.00, 0.00
HSL	246°, 99%, 78%
HSV	246°, 44%, 100%
XYZ	41.5236, 34.0472, 98.6249
YIQ	160.2420, -28.4790, 37.0650

Conversions

Conversions Part 2

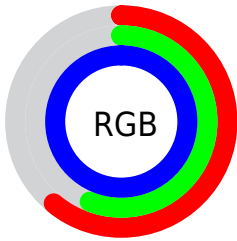
Format	Color
R _Y B	156, 144, 255
Decimal	10260735
CIE Lab	65.00, 30.25, -53.86
CIE LCh	65, 61.772, 299.326
Yxy	34.0472, 0.2384, 0.1955
Android (android.graphics.Color)	4288450815 (0xFF9C90FF)
YUV	160.2420, 46.7157, -3.7202
Hunter-Lab	58.3500, 24.9135, -59.3688

Details

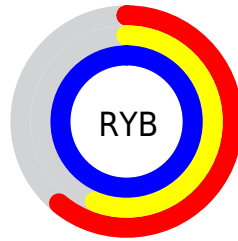
The CIELCh color **65, 61.772, 299.326** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97, 55.130, 110.916**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 30.775, 302.593**, and **45, 61.675, 299.107** is the 20% darker color. If you saturate the color by 10%, you get **57, 77.357, 300.901**, and if you desaturate by 10%, it is **73, 46.645, 297.915**.

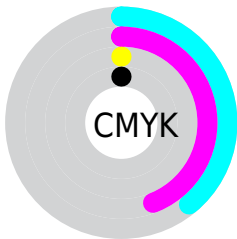
Distribution



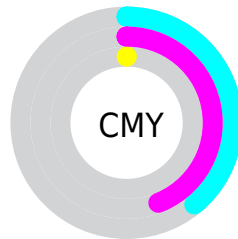
- Red (61%)
- Green (56%)
- Blue (100%)



- Red (61%)
- Yellow (56%)
- Blue (100%)



- Cyan (39%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (39%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 61.772, 299.326 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 65, 61.772, 299.326 by changing the saturation by 10% instead.


 65, 61.772,
299.326


 65, 61.772,
299.326


 100, 61.772,
299.326


 55, 61.772,
299.326


 85, 61.772,
299.326

 45, 61.772,
299.326

 95, 61.772,
299.326

 35, 61.772,
299.326

 25, 61.772,
299.326

 15, 61.772,
299.326

 5, 61.772, 299.326

 0, 61.772, 299.326

65, 61.772,
299.326

65, 61.772,
299.326

57, 77.357,
300.901

73, 46.645,
297.915

50, 93.073,
302.576

81, 32.088,
296.682

43, 108.138,
304.211

89, 18.112,
295.619

38, 121.066,
305.568

97, 4.693, 294.714

34, 129.835,
306.359

100, 0.208,
109.791

33, 133.021,
306.574

Harmonies

Complementary

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



65, 61.772, 299.326



97, 55.130, 110.916

Rectangle

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



65, 61.772, 299.326



65, 61.772, 349.326



65, 61.772, 119.326



65, 61.772, 169.326

Sweetspot

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



65, 61.771, 299.326



90, 17.336, 295.562



91, 30.210, 208.687



46, 12.184, 295.781



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 61.771, 299.326



59, 74.970, 300.643



70, 63.921, 314.450



49, 7.530, 295.232



23, 107.162, 306.643



4, 44.376, 303.863

Inverse Universe

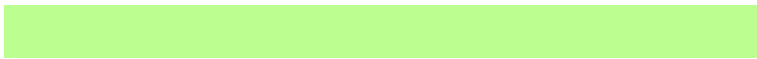
The Inverse Universe completely reimagines the original color for something new.



74, 63.722, 330.098



71, 74.786, 330.588



93, 60.927, 130.421



50, 8.411, 328.044



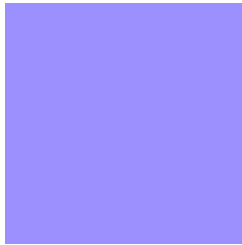
44, 85.515, 333.065



12, 39.743, 332.422

Previews

White Background



This preview shows how the CIELCh color 65, 61.772, 299.326 looks on a white background.

Color Contrast Check

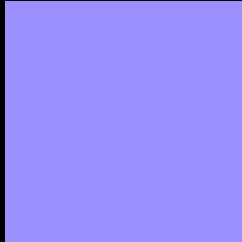
Large Text (above 18pt) WCAG AA × Fail

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 65, 61.772, 299.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

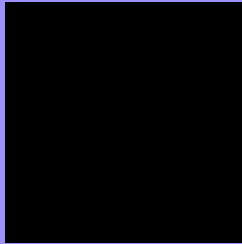
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 61.772, 299.326

Background



This preview shows how black text looks on a background with the CIELCh color 65, 61.772, 299.326.



This preview shows how white text looks on a background with the CIELCh color 65, 61.772, 299.326.

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



Original Color
65, 61.772, 299.326

Protanopia
65, 56.322, 286.222

Deuteranopia
65, 52.558, 280.255



Tritanopia
65, 10.976, 240.253

Trichromacy



Original Color
65, 61.772, 299.326

Protanomaly
65, 58.287, 291.219

Deuteranomaly
65, 55.141, 287.368

Tritanomaly
65, 26.849, 285.230

Monochromacy



Original Color
65, 61.772, 299.326

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 22.340, 296.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 61.772, 299.326 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(156, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 61.772, 299.326 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(156, 144, 255) }
```

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

```
.border{ border-color:rgb(156, 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(156, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 61.772, 299.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 255) }
```

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

```
.background{ background-color: rgb(156,  
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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