

Converting Colors

CIELCh(65, 62.367, 299.153)

Have a look what the booklet for
CIELCh(65, 62.367, 299.153)
contains.

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Color

CIELCh(65, 61.764, 299.067)

Conversions

Conversions Part 1

Format	Color
Hex	9B90FF
RGB	155, 144, 255
RGB Percent	61%, 56%, 100%
CMY	0.3929, 0.4360, 0.0008
CMYK	0.39, 0.44, 0.00, 0.00
HSL	246°, 100%, 78%
HSV	246°, 44%, 100%
XYZ	41.4423, 34.0472, 98.8226
YIQ	159.9430, -29.0750, 36.8530

Conversions

Conversions Part 2

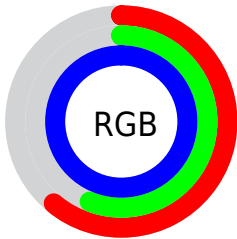
Format	Color
R _Y B	155, 144, 255
Decimal	10195199
CIE Lab	65.00, 30.01, -53.98
CIE LCh	65, 61.764, 299.067
Yxy	34.0472, 0.2377, 0.1953
Android (android.graphics.Color)	4288385279 (0xFF9B90FF)
YUV	159.9430, 46.8631, -4.3350
Hunter-Lab	58.3500, 24.6649, -59.5697

Details

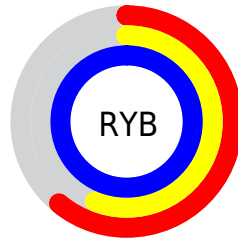
The CIELCh color $65, 61.764, 299.067$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97, 55.100, 110.516$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 30.720, 301.980$, and $45, 61.683, 298.873$ is the 20% darker color. If you saturate the color by 10%, you get $57, 77.374, 300.677$, and if you desaturate by 10%, it is $73, 46.622, 297.627$.

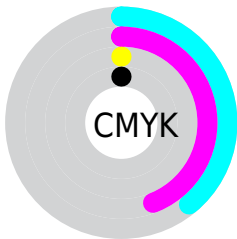
Distribution



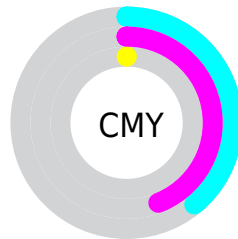
- Red (61%)
- Green (56%)
- Blue (100%)



- 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, 61.764, 299.067 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, 61.764, 299.067 by changing the saturation by 10% instead.


 65, 61.764,
299.067


 65, 61.764,
299.067


 100, 61.764,
299.067


 55, 61.764,
299.067


 85, 61.764,
299.067

 45, 61.764,
299.067

 95, 61.764,
299.067

 35, 61.764,
299.067

 25, 61.764,
299.067

 15, 61.764,
299.067

 5, 61.764, 299.067

 0, 61.764, 299.067

65, 61.764,
299.067

65, 61.764,
299.067

57, 77.374,
300.677

73, 46.622,
297.627

50, 93.129,
302.394

81, 32.057,
296.370

43, 108.244,
304.074

89, 18.076,
295.290

38, 121.219,
305.474

97, 4.654, 294.370

34, 130.006,
306.303

100, 0.092,
109.330

33, 133.189,
306.538

Harmonies

Complementary

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



65, 61.764, 299.067



97, 55.100, 110.516

Rectangle

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



65, 61.764, 299.067



65, 61.764, 349.067



65, 61.764, 119.067



65, 61.764, 169.067

Sweetspot

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



65, 61.763, 299.067



90, 17.328, 295.235



91, 30.652, 206.637



46, 12.179, 295.457



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, 61.763, 299.067



58, 74.974, 300.418



70, 63.789, 313.922



49, 7.527, 294.898



23, 107.231, 306.602



4, 44.357, 303.698

Inverse Universe

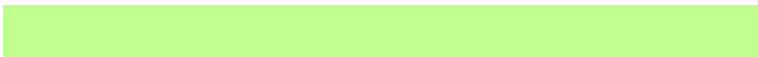
The Inverse Universe completely reimagines the original color for something new.



75, 64.110, 329.801



71, 75.233, 330.282



94, 60.640, 129.876



50, 8.463, 327.771



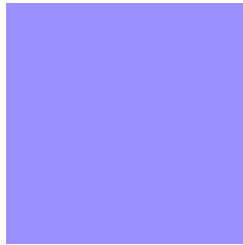
44, 86.112, 332.623



12, 39.988, 332.043

Previews

White Background



This preview shows how the CIELCh color 65, 61.764, 299.067 looks on a white background.

Color Contrast Check

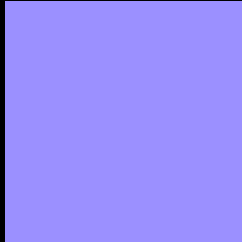
Large Text (above 18pt) WCAG AA × Fail

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, 61.764, 299.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

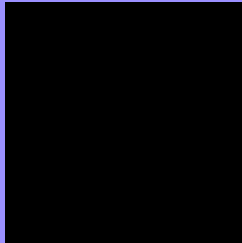
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 61.764, 299.067

Background



This preview shows how black text looks on a background with the CIELCh color 65, 61.764, 299.067.



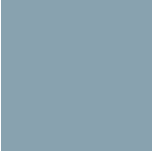
This preview shows how white text looks on a background with the CIELCh color 65, 61.764, 299.067.

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
65, 11.478, 237.999

Trichromacy



Original Color
65, 61.764, 299.067

Protanomaly
65, 58.304, 290.976

Deuteranomaly
65, 55.704, 287.282

Tritanomaly
65, 27.431, 284.802

Monochromacy



Original Color
65, 61.764, 299.067

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, 61.764, 299.067 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(155, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 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(155, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 144, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 61.764, 299.067 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(155, 144, 255) }
```

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

```
.border{ border-color:rgb(155, 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(155, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 144,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 61.764, 299.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 144, 255) }
```

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

```
.background{ background-color: rgb(155,  
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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