

Converting Colors

CIELCh(65, 66.804, 305.274)

Have a look what the booklet for
CIELCh(65, 66.804, 305.274)
contains.

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Color

CIELCh(65, 66.372, 305.454)

Conversions

Conversions Part 1

Format	Color
Hex	AD89FF
RGB	173, 137, 255
RGB Percent	68%, 54%, 100%
CMY	0.3211, 0.4623, 0.0000
CMYK	0.32, 0.46, 0.00, 0.00
HSL	258°, 100%, 77%
HSV	258°, 46%, 100%
XYZ	44.2898, 34.0472, 98.9458
YIQ	161.2160, -16.4220, 44.3300

Conversions

Conversions Part 2

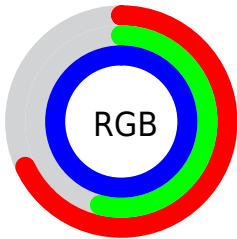
Format	Color
R _Y B	173, 137, 255
Decimal	11373055
CIE Lab	65.00, 38.50, -54.07
CIE LCh	65, 66.372, 305.454
Yxy	34.0472, 0.2498, 0.1921
Android (android.graphics.Color)	4289563135 (0xFFAD89FF)
YUV	161.2160, 46.2355, 10.3346
Hunter-Lab	58.3500, 33.3758, -59.6949

Details

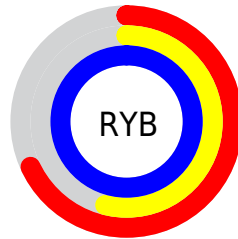
The CIELCh color $65, 66.372, 305.454$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 59.946, 119.374$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 36.607, 314.406$, and $45, 66.745, 305.559$ is the 20% darker color. If you saturate the color by 10%, you get $58, 81.525, 306.386$, and if you desaturate by 10%, it is $72, 51.206, 304.572$.

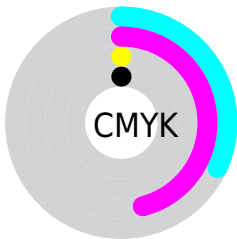
Distribution



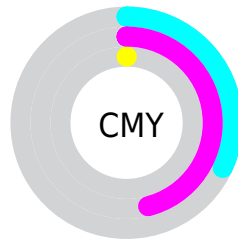
- Red (68%)
- Green (54%)
- Blue (100%)



- Red (68%)
- Yellow (54%)
- Blue (100%)



- Cyan (32%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (46%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 66.372, 305.454 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, 66.372, 305.454 by changing the saturation by 10% instead.


 65, 66.372,
305.454


 65, 66.372,
305.454


 100, 66.372,
305.454


 55, 66.372,
305.454


 85, 66.372,
305.454

 45, 66.372,
305.454

 95, 66.372,
305.454

 35, 66.372,
305.454

 25, 66.372,
305.454

 15, 66.372,
305.454

 5, 66.372, 305.454

 0, 66.372, 305.454

65, 66.372,
305.454

65, 66.372,
305.454

58, 81.525,
306.386

72, 51.206,
304.572

51, 96.376,
307.276

80, 36.459,
303.752

45, 109.995,
308.013

88, 22.167,
303.016

40, 121.066,
308.425

95, 8.365, 302.362

37, 128.172,
308.332

100, 0.012,
296.813

36, 130.040,
308.220

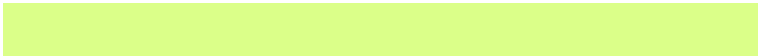
Harmonies

Complementary

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



65, 66.372, 305.454



95, 59.946, 119.374

Rectangle

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



65, 66.372, 305.454



65, 66.372, 355.454



65, 66.372, 125.454



65, 66.372, 175.454

Sweetspot

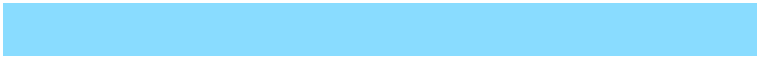
The Sweet Spot groups the original color and five complimentary colors.



65, 66.308, 305.461



89, 19.044, 302.863



84, 29.741, 237.355



46, 13.198, 303.011



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, 66.308, 305.461



59, 79.658, 306.272



71, 69.825, 320.812



49, 7.673, 302.568



26, 104.524, 308.376



5, 44.763, 307.837

Inverse Universe

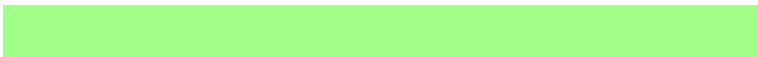
The Inverse Universe completely reimagines the original color for something new.



72, 59.015, 338.137



68, 68.811, 338.997



92, 68.527, 136.119



50, 7.312, 335.134



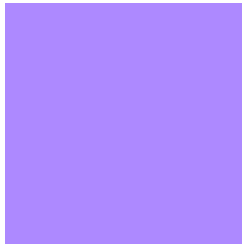
42, 74.059, 345.345



11, 34.900, 342.688

Previews

White Background



This preview shows how the CIELCh color 65, 66.372, 305.454 looks on a white background.

Color Contrast Check

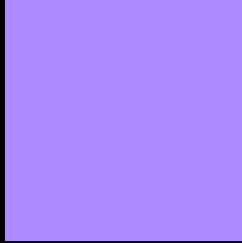
Large Text (above 18pt) WCAG AA × Fail

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 65, 66.372, 305.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

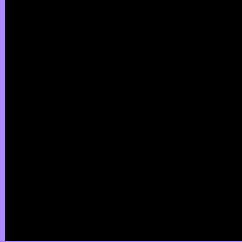
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 66.372, 305.454

Background



This preview shows how black text looks on a background with the CIELCh color 65, 66.372, 305.454.



This preview shows how white text looks on a background with the CIELCh color 65, 66.372, 305.454.

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, 66.372, 305.454

Protanopia
65, 55.763, 285.766

Deuteranopia
65, 52.516, 280.476



Tritanopia
65, 6.680, 287.719

Trichromacy



Original Color
65, 66.372, 305.454



Protanomaly
65, 59.384, 293.446



Deuteranomaly
65, 56.703, 290.392



Tritanomaly
65, 28.268, 301.369

Monochromacy



Original Color
65, 66.372, 305.454



Achromatopsia
66, 0.008, 296.813



Achromatomaly
65, 24.448, 303.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 66.372, 305.454 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(173, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 137, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 66.372, 305.454 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(173, 137, 255) }
```

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

```
.border{ border-color:rgb(173, 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(173, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 137,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 66.372, 305.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 137, 255) }
```

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

```
.background{ background-color: rgb(173,  
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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