

Converting Colors

CIELCh(68, 73.185, 301.899)

Have a look what the booklet for
CIELCh(68, 73.185, 301.899)
contains.

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Color

CIELCh(67, 60.754, 302.536)

Conversions

Conversions Part 1

Format	Color
Hex	AB93FF
RGB	171, 147, 255
RGB Percent	67%, 58%, 100%
CMY	0.3307, 0.4250, 0.0000
CMYK	0.33, 0.43, 0.00, 0.00
HSL	253°, 100%, 79%
HSV	253°, 43%, 100%
XYZ	45.2555, 36.6320, 99.8707
YIQ	166.4880, -20.3640, 38.6760

Conversions

Conversions Part 2

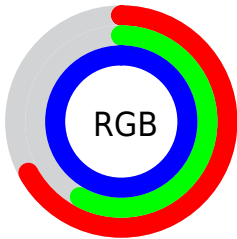
Format	Color
RYB	171, 147, 255
Decimal	11244543
CIELab	67.00, 32.68, -51.22
CIElCh	67, 60.754, 302.536
Yxy	36.6320, 0.2490, 0.2015
Android (android.graphics.Color)	4289434623 (0xFFAB93FF)
YUV	166.4880, 43.6364, 3.9570
Hunter-Lab	60.5244, 27.5510, -55.4669

Details

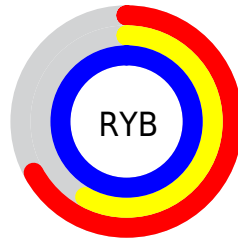
The CIELCh color $67, 60.754, 302.536$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $96, 54.597, 116.037$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 30.125, 310.698$, and $47, 60.363, 302.530$ is the 20% darker color. If you saturate the color by 10%, you get $59, 75.763, 303.718$, and if you desaturate by 10%, it is $75, 45.361, 301.498$.

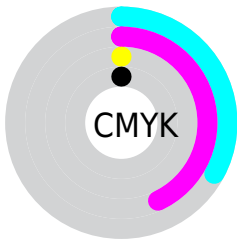
Distribution



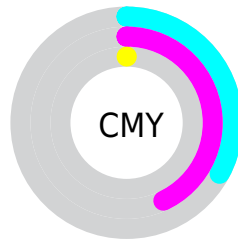
- Red (67%)
- Green (58%)
- Blue (100%)



- Red (67%)
- Yellow (58%)
- Blue (100%)



- Cyan (33%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (33%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 60.754, 302.536 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 67, 60.754, 302.536 by changing the saturation by 10% instead.

 67, 60.754,
302.536


 67, 60.754,
302.536


 100, 60.754,
302.536


 57, 60.754,
302.536


 87, 60.754,
302.536

 47, 60.754,
302.536

 97, 60.754,
302.536

 37, 60.754,
302.536

 27, 60.754,
302.536

 17, 60.754,
302.536

 7, 60.754, 302.536

 0, 60.754, 302.536

67, 60.754,
302.536

67, 60.754,
302.536

59, 75.763,
303.718

75, 45.361,
301.498

52, 91.143,
304.916

82, 30.818,
300.550

46, 105.824,
306.045

90, 16.802,
299.719

40, 118.555,
306.926

98, 3.309, 298.993

36, 127.651,
307.335

100, 0.012,
296.813

34, 131.695,
307.314

Harmonies

Complementary

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



67, 60.754, 302.536



96, 54.597, 116.037

Rectangle

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



67, 60.754, 302.536



67, 60.754, 352.536



67, 60.754, 122.536



67, 60.754, 172.536

Sweetspot

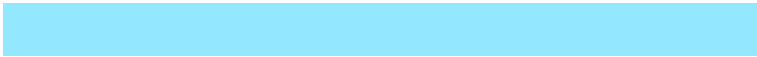
The Sweet Spot groups the original color and five complimentary colors.



67, 60.389, 302.561



90, 17.486, 299.758



87, 27.752, 224.435



46, 12.287, 299.933



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 60.389, 302.561



61, 73.440, 303.540



72, 63.485, 318.079



49, 7.598, 299.491



25, 105.884, 307.436



4, 44.602, 305.987

Inverse Universe

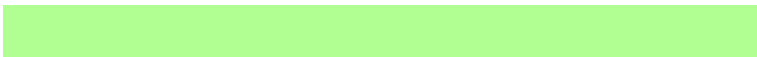
The Inverse Universe completely reimagines the original color for something new.



75, 57.702, 334.218



70, 68.118, 334.872



93, 61.657, 134.066



50, 7.761, 331.885



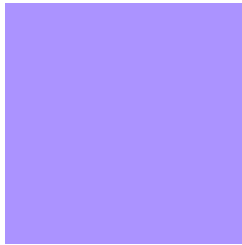
43, 78.406, 339.554



11, 36.787, 337.895

Previews

White Background



This preview shows how the CIELCh color 67, 60.754, 302.536 looks on a white background.

Color Contrast Check

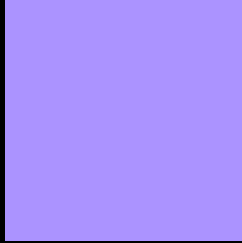
Large Text (above 18pt) WCAG AA × Fail

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 67, 60.754, 302.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

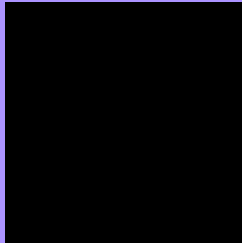
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 60.754, 302.536

Background



This preview shows how black text looks on a background with the CIELCh color 67, 60.754, 302.536.

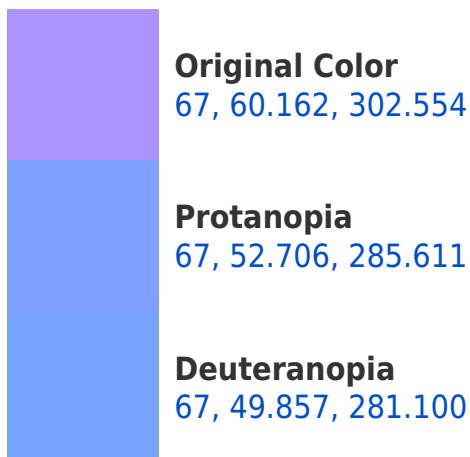


This preview shows how white text looks on a background with the CIELCh color 67, 60.754, 302.536.

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
67, 7.966, 263.934

Trichromacy



Original Color
67, 60.162, 302.554

Protanomaly
67, 55.192, 292.094

Deuteranomaly
67, 53.057, 289.383

Tritanomaly
67, 26.057, 294.299

Monochromacy



Original Color
67, 60.162, 302.554

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 21.856, 300.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 60.754, 302.536 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(171, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 147, 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(171, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 147, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 60.754, 302.536 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(171, 147, 255) }
```

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

```
.border{ border-color:rgb(171, 147, 255) }
```

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

Here you see how a box with a 4 pixel rgb(171, 147, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 147,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 60.754, 302.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 147, 255) }
```

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

```
.background{ background-color: rgb(171,  
147, 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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