

Converting Colors

CIELCh(67, 66.764, 310.904)

Have a look what the booklet for
CIELCh(67, 66.764, 310.904)
contains.

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Color

CIELCh(67, 67.175, 310.910)

Conversions

Conversions Part 1

Format	Color
Hex	C289FF
RGB	194, 137, 255
RGB Percent	76%, 54%, 100%
CMY	0.2388, 0.4623, 0.0000
CMYK	0.24, 0.46, 0.00, 0.00
HSL	269°, 100%, 77%
HSV	269°, 46%, 100%
XYZ	49.3055, 36.6320, 99.1753
YIQ	167.4950, -3.9060, 48.7820

Conversions

Conversions Part 2

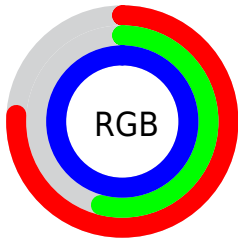
Format	Color
RYB	194, 137, 255
Decimal	12749311
CIELab	67.00, 43.99, -50.77
CIElCh	67, 67.175, 310.910
Yxy	36.6320, 0.2664, 0.1979
Android (android.graphics.Color)	4290939391 (0xFFC289FF)
YUV	167.4950, 43.1400, 23.2449
Hunter-Lab	60.5244, 39.4953, -54.7856

Details

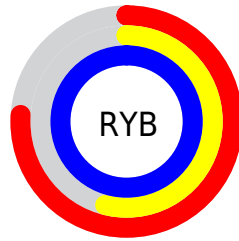
The CIELCh color $67, 67.175, 310.910$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 62.482, 126.304$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 39.615, 324.483$, and $47, 67.600, 311.029$ is the 20% darker color. If you saturate the color by 10%, you get $60, 81.836, 311.458$, and if you desaturate by 10%, it is $74, 52.172, 310.354$.

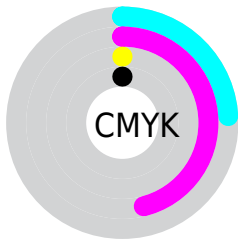
Distribution



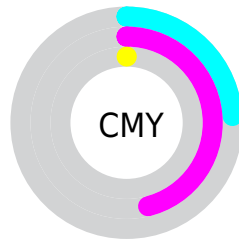
- Red (76%)
- Green (54%)
- Blue (100%)



- Red (76%)
- Yellow (54%)
- Blue (100%)



- Cyan (24%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (46%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 67.175, 310.910 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, 67.175, 310.910 by changing the saturation by 10% instead.


 67, 67.175,
310.910


 67, 67.175,
310.910


 100, 67.175,
310.910


 57, 67.175,
310.910


 87, 67.175,
310.910


 47, 67.175,
310.910

 97, 67.175,
310.910

 37, 67.175,
310.910

 27, 67.175,
310.910

 17, 67.175,
310.910

 7, 67.175, 310.910

 0, 67.175, 310.910

67, 67.175,
310.910

67, 67.175,
310.910

60, 81.836,
311.458

74, 52.172,
310.354

54, 95.782,
311.894

81, 37.336,
309.792

49, 108.121,
312.136

88, 22.790,
309.258

44, 117.801,
312.064

95, 8.626, 308.758

41, 123.885,
311.564

100, 0.012,
296.813

40, 125.500,
311.308

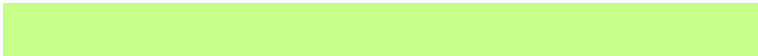
Harmonies

Complementary

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



67, 67.175, 310.910



94, 62.482, 126.304

Rectangle

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



67, 67.175, 310.910



67, 67.175, 0.910



67, 67.175, 130.910



67, 67.175, 180.910

Sweetspot

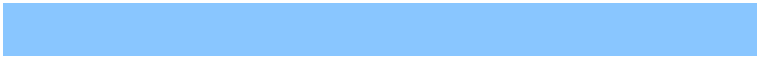
The Sweet Spot groups the original color and five complimentary colors.



67, 67.116, 310.923



90, 19.592, 309.144



78, 34.392, 262.120



46, 13.568, 309.254



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, 67.116, 310.923



61, 80.049, 311.396



74, 72.164, 326.396



49, 7.905, 308.919



30, 100.889, 311.503



6, 44.913, 312.427

Inverse Universe

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



72, 52.950, 347.553



67, 62.010, 348.873



91, 72.356, 140.370



50, 6.454, 343.523



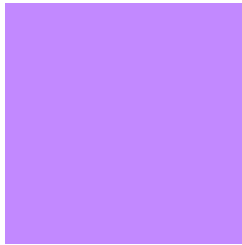
41, 68.451, 0.555



10, 32.033, 355.213

Previews

White Background



This preview shows how the CIELCh color 67, 67.175, 310.910 looks on a white background.

Color Contrast Check

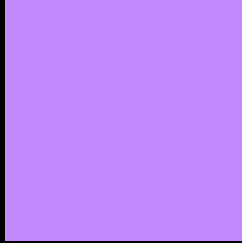
Large Text (above 18pt) WCAG AA × Fail

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, 67.175, 310.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

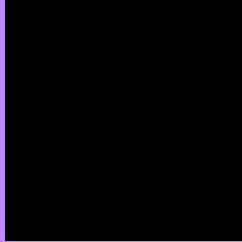
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 67.175, 310.910

Background



This preview shows how black text looks on a background with the CIELCh color 67, 67.175, 310.910.



This preview shows how white text looks on a background with the CIELCh color 67, 67.175, 310.910.

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
67, 67.175, 310.910

Protanopia
67, 52.706, 285.611

Deuteranopia
67, 48.729, 281.143



Tritanopia
67, 10.703, 342.230

Trichromacy



Original Color
67, 67.175, 310.910



Protanomaly
67, 56.909, 295.423



Deuteranomaly
67, 54.117, 293.368



Tritanomaly
67, 30.275, 316.157

Monochromacy



Original Color
67, 67.175, 310.910



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 24.877, 308.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 67.175, 310.910 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(194, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 137, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 67.175, 310.910 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(194, 137, 255) }
```

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

```
.border{ border-color:rgb(194, 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(194, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 137,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 67.175, 310.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 137, 255) }
```

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

```
.background{ background-color: rgb(194,  
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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