

Converting Colors

CIELCh(74, 105.733, 305.759)

Have a look what the booklet for
CIELCh(74, 105.733, 305.759)
contains.

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Color

CIELCh(69, 62.542, 310.980)

Conversions

Conversions Part 1

Format	Color
Hex	C690FE
RGB	198, 144, 254
RGB Percent	78%, 56%, 100%
CMY	0.2218, 0.4334, 0.0022
CMYK	0.22, 0.43, 0.00, 0.00
HSL	269°, 99%, 78%
HSV	269°, 43%, 100%
XYZ	51.4130, 39.3444, 99.0171
YIQ	172.6860, -3.1260, 45.6580

Conversions

Conversions Part 2

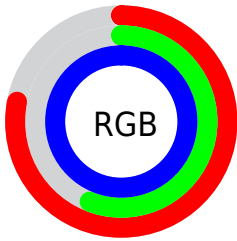
Format	Color
RYB	198, 144, 254
Decimal	13013246
CIELab	69.00, 41.01, -47.22
CIELCh	69, 62.542, 310.980
Yxy	39.3444, 0.2709, 0.2073
Android (android.graphics.Color)	4291203326 (0xFFC690FE)
YUV	172.6860, 40.0878, 22.2004
Hunter-Lab	62.7251, 36.5395, -49.6869

Details

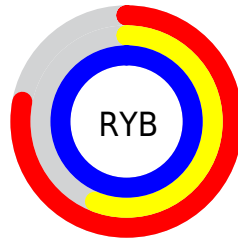
The CIELCh color $69, 62.542, 310.980$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 58.598, 126.696$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 35.124, 325.645$, and $49, 62.874, 311.043$ is the 20% darker color. If you saturate the color by 10%, you get $62, 77.332, 311.520$, and if you desaturate by 10%, it is $76, 47.631, 310.419$.

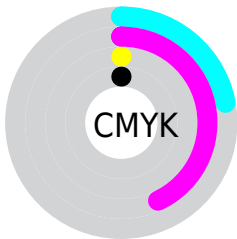
Distribution



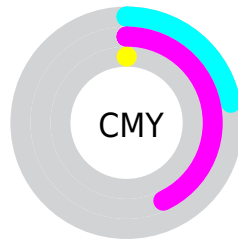
- Red (78%)
- Green (56%)
- Blue (100%)



- Red (78%)
- Yellow (56%)
- Blue (100%)



- Cyan (22%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 62.542, 310.980 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 69, 62.542, 310.980 by changing the saturation by 10% instead.


 69, 62.542,
310.980


 69, 62.542,
310.980


 100, 62.542,
310.980


 59, 62.542,
310.980


 89, 62.542,
310.980

 49, 62.542,
310.980

 99, 62.542,
310.980

 39, 62.542,
310.980

 29, 62.542,
310.980

 19, 62.542,
310.980

 9, 62.542, 310.980

 0, 62.542, 310.980

69, 62.542,
310.980

69, 62.542,
310.980

62, 77.332,
311.520

76, 47.631,
310.419

56, 91.528,
311.981

83, 32.886,
309.870

50, 104.385,
312.280

90, 18.460,
309.352

46, 114.907,
312.303

97, 4.429, 308.857

42, 122.077,
311.930

100, 0.274,
109.875

40, 125.092,
311.468

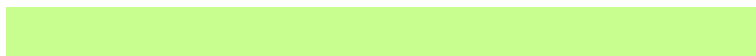
Harmonies

Complementary

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



69, 62.542, 310.980



94, 58.598, 126.696

Rectangle

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



69, 62.542, 310.980



69, 62.542, 0.980



69, 62.542, 130.980



69, 62.542, 180.980

Sweetspot

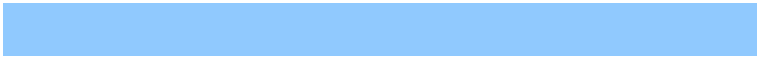
The Sweet Spot groups the original color and five complimentary colors.



69, 62.540, 310.980



91, 18.191, 309.341



79, 32.194, 261.325



47, 12.769, 309.452



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 62.540, 310.980



63, 75.695, 311.457



75, 67.681, 326.257



49, 7.916, 309.169



30, 100.733, 311.662



6, 44.909, 312.624

Inverse Universe

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



73, 49.363, 347.567



69, 58.791, 348.842



91, 67.796, 140.681



50, 6.422, 343.909



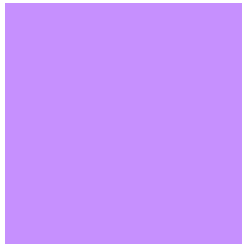
41, 68.354, 1.237



10, 31.959, 355.781

Previews

White Background



This preview shows how the CIELCh color 69, 62.542, 310.980 looks on a white background.

Color Contrast Check

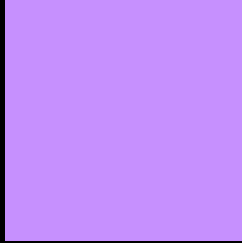
Large Text (above 18pt) WCAG AA × Fail

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 69, 62.542, 310.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

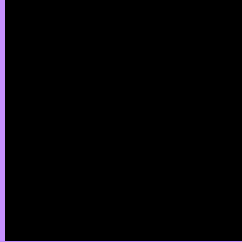
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 62.542, 310.980

Background



This preview shows how black text looks on a background with the CIELCh color 69, 62.542, 310.980.



This preview shows how white text looks on a background with the CIELCh color 69, 62.542, 310.980.

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
69, 11.274, 341.242

Trichromacy



Original Color
69, 62.596, 310.989



Protanomaly
69, 53.320, 295.578



Deuteranomaly
69, 51.107, 294.426



Tritanomaly
69, 29.110, 316.995

Monochromacy



Original Color
69, 62.596, 310.989



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 23.059, 309.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 62.542, 310.980 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(198, 144, 254)` looks like.

```
.text, #text, p{  
    color:rgb(198, 144, 254)  
}
```

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(198, 144, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 144, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 62.542, 310.980 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(198, 144, 254) }
```

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

```
.border{ border-color:rgb(198, 144, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 144, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 144, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 144, 254);  
box-shadow:4px 4px 4px 4px rgb(198, 144,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 62.542, 310.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 144, 254) }
```

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

```
.background{ background-color: rgb(198,  
144, 254) }
```

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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