

Converting Colors

CIELCh(69, 53.822, 300.002)

Have a look what the booklet for
CIELCh(69, 53.822, 300.002)
contains.

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Color

CIELCh(69, 53.576, 300.002)

Conversions

Conversions Part 1

Format	Color
Hex	AB9CFD
RGB	171, 156, 253
RGB Percent	67%, 61%, 99%
CMY	0.3308, 0.3896, 0.0093
CMYK	0.32, 0.38, 0.00, 0.01
HSL	249°, 95%, 80%
HSV	249°, 38%, 99%
XYZ	46.2132, 39.3444, 97.7682
YIQ	171.5430, -22.1970, 33.3470

Conversions

Conversions Part 2

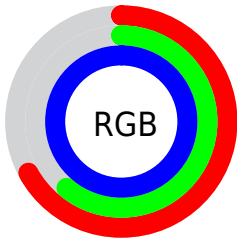
Format	Color
RYB	171, 156, 253
Decimal	11246845
CIELab	69.00, 26.79, -46.40
CIElCh	69, 53.576, 300.002
Yxy	39.3444, 0.2521, 0.2146
Android (android.graphics.Color)	4289436925 (0xFFAB9CFD)
YUV	171.5430, 40.1583, -0.4762
Hunter-Lab	62.7251, 21.7423, -48.5064

Details

The CIELCh color `69, 53.576, 300.002` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `96, 48.757, 113.374`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `87, 23.870, 305.943`, and `49, 53.446, 300.015` is the 20% darker color. If you saturate the color by 10%, you get `61, 68.796, 301.334`, and if you desaturate by 10%, it is `77, 38.841, 298.816`.

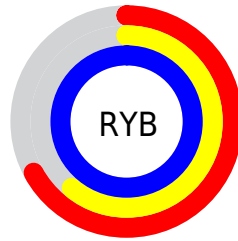
Distribution



Red (67%)

Green (61%)

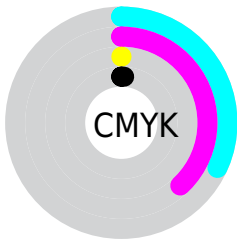
Blue (99%)



Red (67%)

Yellow (61%)

Blue (99%)

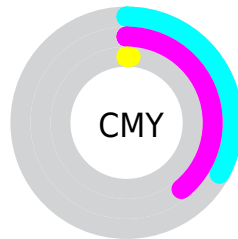


Cyan (32%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (33%)


Magenta (39%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 53.576, 300.002 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, 53.576, 300.002 by changing the saturation by 10% instead.

 69, 53.576,
300.002

 69, 53.576,
300.002


 100, 53.576,
300.002


 59, 53.576,
300.002


 89, 53.576,
300.002

 49, 53.576,
300.002

 99, 53.576,
300.002

 39, 53.576,
300.002

 29, 53.576,
300.002

 19, 53.576,
300.002

 9, 53.576, 300.002

 0, 53.576, 300.002

■ 69, 53.576,
300.002

■ 69, 53.576,
300.002

■ 61, 68.796,
301.334

■ 77, 38.841,
298.816

■ 54, 84.296,
302.775

■ 85, 24.659,
297.780

■ 47, 99.562,
304.236

■ 93, 11.029,
296.885

■ 41, 113.546,
305.547

100, 1.196,
110.024

■ 36, 124.550,
306.461

■ 33, 130.963,
306.778

■ 33, 131.749,
306.815

Harmonies

Complementary

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



69, 53.576, 300.002



96, 48.757, 113.374

Rectangle

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



69, 53.576, 300.002



69, 53.576, 350.002



69, 53.576, 120.002



69, 53.576, 170.002

Sweetspot

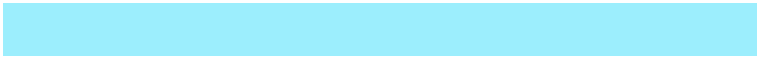
The Sweet Spot groups the original color and five complimentary colors.



69, 53.575, 300.002



91, 16.018, 297.194



90, 26.143, 214.854



47, 10.652, 297.309



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, 53.575, 300.002



64, 65.632, 301.008



73, 56.283, 315.807



49, 7.553, 296.979



24, 106.727, 306.904



4, 44.469, 304.704

Inverse Universe

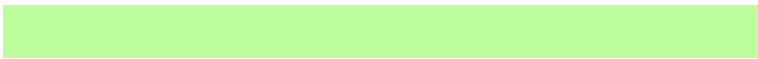
The Inverse Universe completely reimagines the original color for something new.



76, 54.420, 331.385



73, 64.982, 331.882



93, 54.333, 132.282



50, 8.141, 329.538



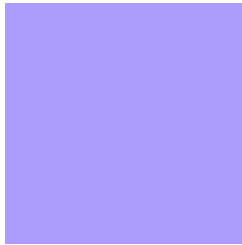
44, 82.474, 335.531



12, 38.490, 334.519

Previews

White Background



This preview shows how the CIELCh color 69, 53.576, 300.002 looks on a white background.

Color Contrast Check

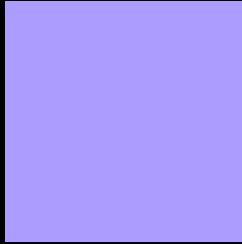
Large Text (above 18pt) WCAG AA × Fail

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, 53.576, 300.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

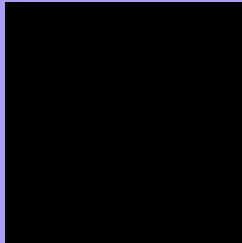
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 53.576, 300.002

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.576, 300.002.



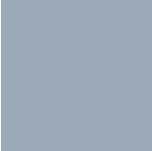
This preview shows how white text looks on a background with the CIELCh color 69, 53.576, 300.002.

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, 9.060, 257.514

Trichromacy



Original Color
69, 53.576, 300.002

Protanomaly
69, 50.504, 290.801

Deuteranomaly
69, 48.375, 289.045

Tritanomaly
69, 24.210, 289.408

Monochromacy



Original Color
69, 53.576, 300.002

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 19.945, 298.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.576, 300.002 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, 156, 253)` looks like.

```
.text, #text, p{  
    color:rgb(171, 156, 253)  
}
```

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, 156, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 156, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.576, 300.002 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, 156, 253) }
```

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

```
.border{ border-color:rgb(171, 156, 253) }
```

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

Here you see how a box with a 4 pixel rgb(171, 156, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 156, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 156, 253);  
box-shadow:4px 4px 4px 4px rgb(171, 156,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.576, 300.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 156, 253) }
```

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

```
.background{ background-color: rgb(171,  
156, 253) }
```

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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