

Converting Colors

CIELCh(69, 55.334, 300.378)

Have a look what the booklet for
CIELCh(69, 55.334, 300.378)
contains.

CIELCh(69, 55.256, 300.280)	3
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Color

CIELCh(69, 55.256, 300.280)

Conversions

Conversions Part 1

Format	Color
Hex	AB9BFF
RGB	171, 155, 255
RGB Percent	67%, 61%, 100%
CMY	0.3292, 0.3920, 0.0000
CMYK	0.33, 0.39, 0.00, 0.00
HSL	250°, 100%, 80%
HSV	250°, 39%, 100%
XYZ	46.5922, 39.3444, 99.7889
YIQ	171.1840, -22.5640, 34.4920

Conversions

Conversions Part 2

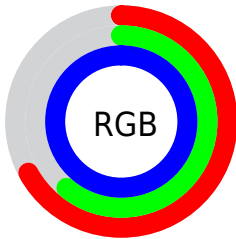
Format	Color
RYB	171, 155, 255
Decimal	11246591
CIELab	69.00, 27.86, -47.72
CIElCh	69, 55.256, 300.280
Yxy	39.3444, 0.2509, 0.2118
Android (android.graphics.Color)	4289436671 (0xFFAB9BFF)
YUV	171.1840, 41.3213, -0.1614
Hunter-Lab	62.7251, 22.8208, -50.4164

Details

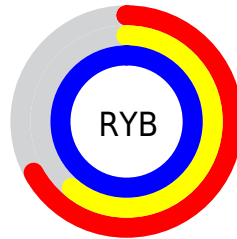
The CIELCh color `69, 55.256, 300.280` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `97, 50.154, 113.563`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `87, 24.565, 307.217`, and `49, 55.212, 300.066` is the 20% darker color. If you saturate the color by 10%, you get `61, 70.592, 301.606`, and if you desaturate by 10%, it is `77, 40.338, 299.097`.

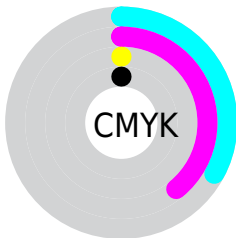
Distribution



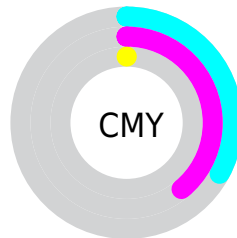
- Red (67%)
- Green (61%)
- Blue (100%)



- Red (67%)
- Yellow (61%)
- Blue (100%)



- Cyan (33%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)




- Cyan (33%)
- Magenta (39%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 55.256, 300.280 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, 55.256, 300.280 by changing the saturation by 10% instead.

 69, 55.256,
300.280

 69, 55.256,
300.280


 100, 55.256,
300.280


 59, 55.256,
300.280


 89, 55.256,
300.280

 49, 55.256,
300.280

 99, 55.256,
300.280

 39, 55.256,
300.280

 29, 55.256,
300.280

 19, 55.256,
300.280

 9, 55.256, 300.280

 0, 55.256, 300.280

■ 69, 55.256,
300.280

■ 69, 55.256,
300.280

■ 61, 70.592,
301.606

■ 77, 40.338,
299.097

■ 54, 86.202,
303.031

■ 85, 25.999,
298.061

■ 47, 101.501,
304.462

■ 93, 12.216,
297.164

■ 41, 115.383,
305.725

■ 100, 0.012,
296.813

■ 36, 126.107,
306.569

■ 33, 132.232,
306.829

■ 33, 132.623,
306.847

Harmonies

Complementary

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



69, 55.256, 300.280



97, 50.154, 113.563

Rectangle

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



69, 55.256, 300.280



69, 55.256, 350.280



69, 55.256, 120.280



69, 55.256, 170.280

Sweetspot

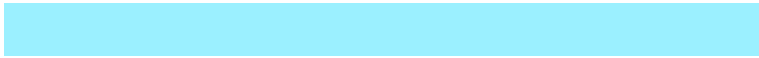
The Sweet Spot groups the original color and five complimentary colors.



69, 55.227, 300.281



91, 16.025, 297.402



90, 26.797, 214.904



47, 10.656, 297.517



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, 55.227, 300.281



63, 67.184, 301.304



73, 57.927, 315.843



49, 7.556, 297.190



24, 106.666, 306.941



4, 44.480, 304.803

Inverse Universe

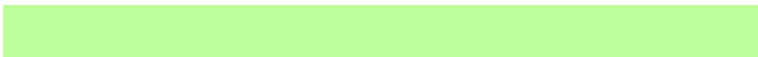
The Inverse Universe completely reimagines the original color for something new.



77, 55.730, 331.641



73, 66.014, 332.155



94, 55.877, 132.238



50, 8.108, 329.725



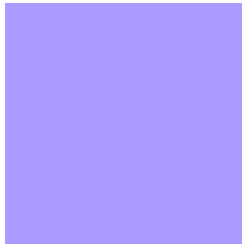
44, 82.118, 335.846



12, 38.343, 334.785

Previews

White Background



This preview shows how the CIELCh color 69, 55.256, 300.280 looks on a white background.

Color Contrast Check

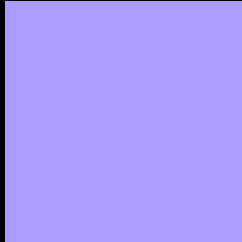
Large Text (above 18pt) WCAG AA × Fail

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, 55.256, 300.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

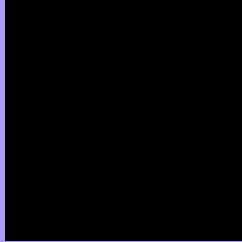
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 55.256, 300.280

Background



This preview shows how black text looks on a background with the CIELCh color 69, 55.256, 300.280.



This preview shows how white text looks on a background with the CIELCh color 69, 55.256, 300.280.

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

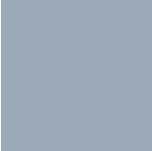
69, 55.256, 300.280

Protanopia

69, 49.667, 285.606

Deuteranopia

69, 47.240, 282.167



Tritanopia
69, 9.060, 257.514

Trichromacy



Original Color
69, 55.256, 300.280

Protanomaly
69, 51.619, 291.338

Deuteranomaly
69, 49.469, 288.987

Tritanomaly
69, 24.756, 289.539

Monochromacy



Original Color
69, 55.256, 300.280

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 20.490, 298.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 55.256, 300.280 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, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 155, 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, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 155, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 55.256, 300.280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

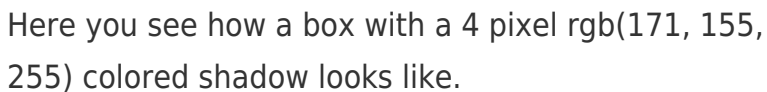
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 155, 255) }
```

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

```
.border{ border-color:rgb(171, 155, 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, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 155,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 55.256, 300.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 155, 255) }
```

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

```
.background{ background-color: rgb(171,  
155, 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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