

Converting Colors

CIELCh(70, 53.598, 302.212)

Have a look what the booklet for
CIELCh(70, 53.598, 302.212)
contains.

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Color

CIELCh(70, 53.695, 302.242)

Conversions

Conversions Part 1

Format	Color
Hex	B39DFE
RGB	179, 157, 254
RGB Percent	70%, 62%, 100%
CMY	0.2988, 0.3851, 0.0048
CMYK	0.30, 0.38, 0.00, 0.00
HSL	254°, 98%, 81%
HSV	254°, 38%, 100%
XYZ	48.4220, 40.7494, 98.9008
YIQ	174.6360, -18.0250, 34.8310

Conversions

Conversions Part 2

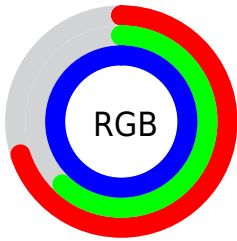
Format	Color
RYB	179, 157, 254
Decimal	11771390
CIELab	70.00, 28.65, -45.42
CIELCh	70, 53.695, 302.242
Yxy	40.7494, 0.2575, 0.2167
Android (android.graphics.Color)	4289961470 (0xFFB39DFE)
YUV	174.6360, 39.1265, 3.8272
Hunter-Lab	63.8353, 23.6888, -47.1741

Details

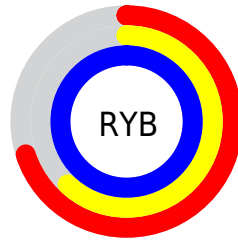
The CIELCh color **70, 53.695, 302.242** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **96, 49.167, 116.508**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 24.159, 312.591**, and **50, 54.100, 302.507** is the 20% darker color. If you saturate the color by 10%, you get **62, 68.881, 303.349**, and if you desaturate by 10%, it is **78, 38.922, 301.239**.

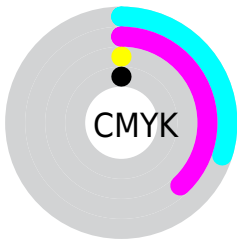
Distribution



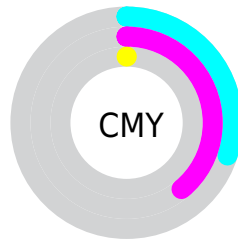
- Red (70%)
- Green (62%)
- Blue (100%)



- Red (70%)
- Yellow (62%)
- Blue (100%)



- Cyan (30%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (39%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 53.695, 302.242 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 70, 53.695, 302.242 by changing the saturation by 10% instead.


 70, 53.695,
302.242


 70, 53.695,
302.242


 100, 53.695,
302.242


 60, 53.695,
302.242


 90, 53.695,
302.242

 50, 53.695,
302.242

 40, 53.695,
302.242

 30, 53.695,
302.242

 20, 53.695,
302.242

 10, 53.695,
302.242

 0, 53.695, 302.242

70, 53.695,
302.242

70, 53.695,
302.242

62, 68.881,
303.349

78, 38.922,
301.239

55, 84.246,
304.522

85, 24.655,
300.351

48, 99.266,
305.679

93, 10.913,
299.576

42, 112.946,
306.673

100, 0.603,
110.005

37, 123.754,
307.293

34, 130.239,
307.362

34, 131.134,
307.359

Harmonies

Complementary

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



70, 53.695, 302.242



96, 49.167, 116.508

Rectangle

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



70, 53.695, 302.242



70, 53.695, 352.242



70, 53.695, 122.242



70, 53.695, 172.242

Sweetspot

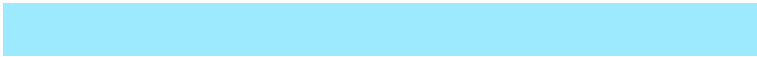
The Sweet Spot groups the original color and five complimentary colors.



70, 53.694, 302.242



91, 14.748, 299.781



88, 25.331, 223.927



48, 9.934, 299.884



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 53.694, 302.242



64, 65.748, 303.098



74, 56.888, 317.906



49, 7.602, 299.670



25, 105.815, 307.482



4, 44.611, 306.086

Inverse Universe

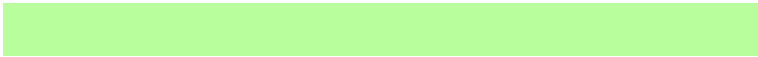
The Inverse Universe completely reimagines the original color for something new.



77, 51.780, 334.088



73, 61.894, 334.681



93, 55.398, 134.317



50, 7.734, 332.061



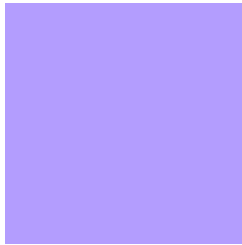
43, 78.133, 339.863



11, 36.671, 338.153

Previews

White Background



This preview shows how the CIELCh color 70, 53.695, 302.242 looks on a white background.

Color Contrast Check

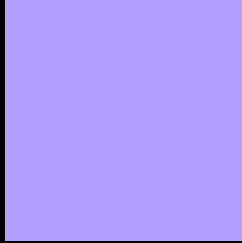
Large Text (above 18pt) WCAG AA × Fail

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 70, 53.695, 302.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

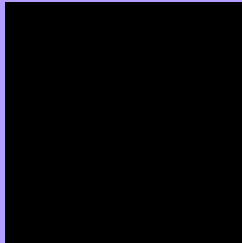
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 53.695, 302.242

Background



This preview shows how black text looks on a background with the CIELCh color 70, 53.695, 302.242.



This preview shows how white text looks on a background with the CIELCh color 70, 53.695, 302.242.

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
70, 7.927, 275.110

Trichromacy



Original Color
70, 53.695, 302.242

Protanomaly
70, 49.809, 291.908

Deuteranomaly
70, 47.662, 290.174

Tritanomaly
70, 24.224, 295.761

Monochromacy



Original Color
70, 53.695, 302.242

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 19.431, 300.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 53.695, 302.242 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(179, 157, 254)` looks like.

```
.text, #text, p{  
    color:rgb(179, 157, 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(179, 157, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 157, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 53.695, 302.242 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(179, 157, 254) }
```

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

```
.border{ border-color:rgb(179, 157, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 157, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 157, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 157, 254);  
box-shadow:4px 4px 4px 4px rgb(179, 157,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 53.695, 302.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 157, 254) }
```

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

```
.background{ background-color: rgb(179,  
157, 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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