

Converting Colors

CIELCh(70, 50.909, 323.153)

Have a look what the booklet for
CIELCh(70, 50.909, 323.153)
contains.

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Color

CIELCh(70, 50.921, 323.152)

Conversions

Conversions Part 1

Format	Color
Hex	DA91E3
RGB	218, 145, 227
RGB Percent	85%, 57%, 89%
CMY	0.1447, 0.4310, 0.1094
CMYK	0.04, 0.36, 0.00, 0.11
HSL	293°, 60%, 73%
HSV	293°, 36%, 89%
XYZ	52.9593, 40.7494, 77.8156
YIQ	176.1750, 17.1860, 40.9780

Conversions

Conversions Part 2

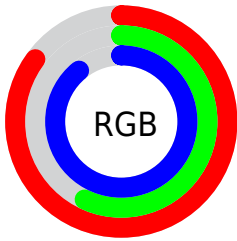
Format	Color
RYB	218, 145, 227
Decimal	14324195
CIELab	70.00, 40.75, -30.54
CIELCh	70, 50.921, 323.152
Yxy	40.7494, 0.3088, 0.2376
Android (android.graphics.Color)	4292514275 (0xFFDA91E3)
YUV	176.1750, 25.0567, 36.6805
Hunter-Lab	63.8353, 36.3762, -27.5902

Details

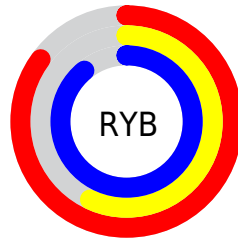
The CIELCh color $70, 50.921, 323.152$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $84, 50.551, 139.185$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 34.496, 325.624$, and $50, 50.627, 323.345$ is the 20% darker color. If you saturate the color by 10%, you get $65, 64.413, 323.570$, and if you desaturate by 10%, it is $75, 36.892, 322.691$.

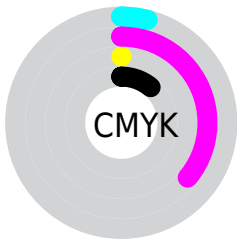
Distribution



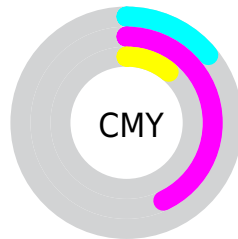
- Red (85%)
- Green (57%)
- Blue (89%)



- Red (85%)
- Yellow (57%)
- Blue (89%)



- Cyan (4%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)





- Cyan (14%)
- Magenta (43%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 50.921, 323.152 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, 50.921, 323.152 by changing the saturation by 10% instead.


 70, 50.921,
323.152


 70, 50.921,
323.152


 100, 50.921,
323.152


 60, 50.921,
323.152


 90, 50.921,
323.152

 50, 50.921,
323.152

 40, 50.921,
323.152

 30, 50.921,
323.152

 20, 50.921,
323.152

 10, 50.921,
323.152

 0, 50.921, 323.152

70, 50.921,
323.152

70, 50.921,
323.152

65, 64.413,
323.570

75, 36.892,
322.691

61, 76.902,
323.919

81, 22.686,
322.206

57, 87.811,
324.169

87, 8.546, 321.703

54, 96.540,
324.289

93, 5.372, 141.304

51, 102.614,
324.251

98, 16.738,
140.487


50, 105.887,
324.043

98, 16.280,
137.916

50, 106.704,
323.934

98, 15.857,
135.185

98, 15.471,
132.294

 98, 15.127,
129.247

Harmonies

Complementary

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



70, 50.921, 323.152



84, 50.551, 139.185

Rectangle

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



70, 50.921, 323.152



70, 50.921, 13.152



70, 50.921, 143.152



70, 50.921, 193.152

Sweetspot

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



70, 50.919, 323.152



93, 16.965, 321.957



66, 40.203, 290.074



49, 11.409, 322.025



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, 50.919, 323.152



74, 66.223, 323.458



70, 40.349, 340.872



45, 8.033, 321.876



39, 89.106, 324.000



7, 37.230, 324.598

Inverse Universe

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



69, 33.168, 14.436



72, 44.133, 15.710



84, 39.487, 154.609



45, 4.858, 11.096



37, 75.330, 35.214



6, 26.799, 17.209

Previews

White Background



This preview shows how the CIELCh color 70, 50.921, 323.152 looks on a white background.

Color Contrast Check

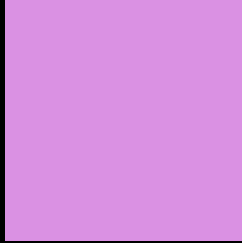
Large Text (above 18pt) WCAG AA × Fail

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, 50.921, 323.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

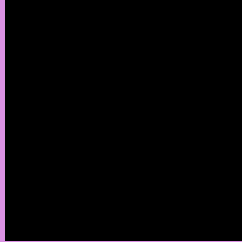
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 50.921, 323.152

Background



This preview shows how black text looks on a background with the CIELCh color 70, 50.921, 323.152.

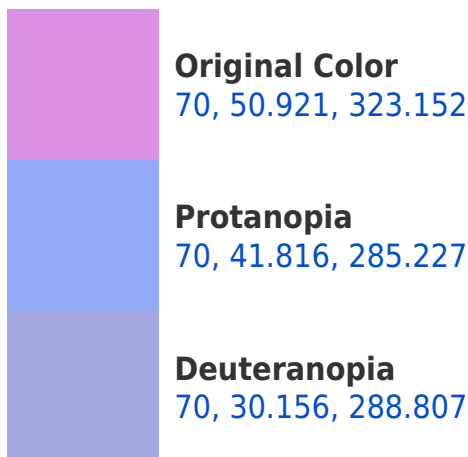


This preview shows how white text looks on a background with the CIELCh color 70, 50.921, 323.152.

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, 21.556, 3.953

Trichromacy



Original Color
70, 50.921, 323.152



Protanomaly
70, 43.124, 299.703



Deuteranomaly
70, 36.026, 305.215



Tritanomaly
70, 29.929, 340.109

Monochromacy



Original Color
70, 50.921, 323.152



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 19.006, 321.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 50.921, 323.152 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(218, 145, 227)` looks like.

```
.text, #text, p{  
    color:rgb(218, 145, 227)  
}
```

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(218, 145, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 145, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 50.921, 323.152 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(218, 145, 227) }
```

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

```
.border{ border-color:rgb(218, 145, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 145, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 145, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 145, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 145,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 50.921, 323.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 145, 227) }
```

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

```
.background{ background-color: rgb(218,  
145, 227) }
```

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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