

Converting Colors

CIELCh(70, 51.617, 334.253)

Have a look what the booklet for
CIELCh(70, 51.617, 334.253)
contains.

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Color

CIELCh(70, 51.579, 334.028)

Conversions

Conversions Part 1

Format	Color
Hex	EA8BD5
RGB	234, 139, 213
RGB Percent	92%, 55%, 84%
CMY	0.0824, 0.4550, 0.1648
CMYK	0.00, 0.41, 0.09, 0.08
HSL	313°, 69%, 73%
HSV	313°, 41%, 92%
XYZ	55.1598, 40.7494, 67.8924
YIQ	175.8410, 32.8660, 43.1540

Conversions

Conversions Part 2

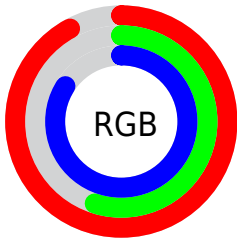
Format	Color
RYB	234, 139, 213
Decimal	15371221
CIELab	70.00, 46.37, -22.59
CIELCh	70, 51.579, 334.028
Yxy	40.7494, 0.3367, 0.2488
Android (android.graphics.Color)	4293561301 (0xFFEA8BD5)
YUV	175.8410, 18.3194, 51.0054
Hunter-Lab	63.8353, 42.5294, -18.3736

Details

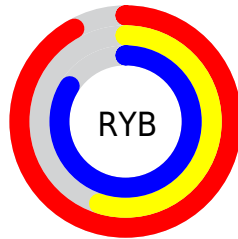
The CIELCh color `70, 51.579, 334.028` is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be `85, 51.378, 147.842`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 38.257, 325.753`, and `50, 51.583, 334.275` is the 20% darker color. If you saturate the color by 10%, you get `65, 63.160, 334.787`, and if you desaturate by 10%, it is `75, 39.175, 333.302`.

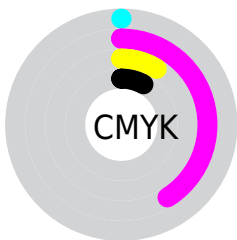
Distribution



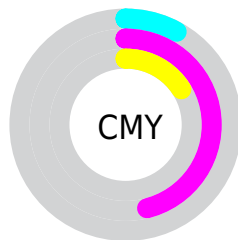
- Red (92%)
- Green (55%)
- Blue (84%)



- Red (92%)
- Yellow (55%)
- Blue (84%)



- Cyan (0%)
- Magenta (41%)
- Yellow (9%)
- Black (8%)





- Cyan (8%)
- Magenta (46%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 51.579, 334.028 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, 51.579, 334.028 by changing the saturation by 10% instead.


 70, 51.579,
334.028


 70, 51.579,
334.028


 100, 51.579,
334.028


 60, 51.579,
334.028


 90, 51.579,
334.028

 50, 51.579,
334.028

 40, 51.579,
334.028

 30, 51.579,
334.028

 20, 51.579,
334.028

 10, 51.579,
334.028

 0, 51.579, 334.028

70, 51.579,
334.028

70, 51.579,
334.028

65, 63.160,
334.787

75, 39.175,
333.302

61, 73.387,
335.589

81, 26.384,
332.604

58, 81.659,
336.454

86, 13.512,
331.925

55, 87.443,
337.411

92, 0.767, 330.853

54, 90.447,
338.504

98, 11.129,
151.130

53, 91.081,
339.679

98, 9.286, 161.820

98, 7.893, 176.907

99, 7.216, 196.426

99, 7.194, 199.042

Harmonies

Complementary

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



70, 51.579, 334.028



85, 51.378, 147.842

Rectangle

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



70, 51.579, 334.028



70, 51.579, 24.028



70, 51.579, 154.028



70, 51.579, 204.028

Sweetspot

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



70, 51.576, 334.028



92, 16.417, 332.024



63, 53.591, 302.168



48, 10.898, 332.112



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, 51.576, 334.028



71, 65.786, 334.681



69, 39.368, 2.163



46, 7.252, 331.849



41, 75.366, 339.447



8, 33.052, 337.463

Inverse Universe

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



70, 51.576, 334.028



71, 65.786, 334.681



86, 34.547, 172.921



46, 7.252, 331.849



41, 75.366, 339.447



8, 33.052, 337.463

Previews

White Background



This preview shows how the CIELCh color 70, 51.579, 334.028 looks on a white background.

Color Contrast Check

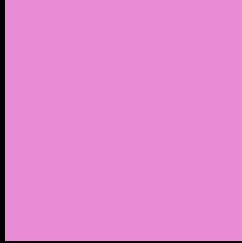
Large Text (above 18pt) WCAG AA × Fail

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, 51.579, 334.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

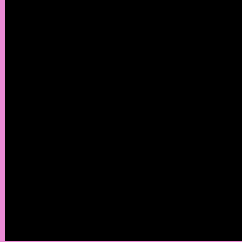
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 51.579, 334.028

Background



This preview shows how black text looks on a background with the CIELCh color 70, 51.579, 334.028.

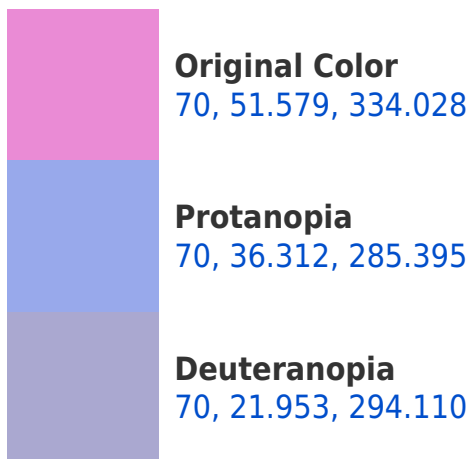


This preview shows how white text looks on a background with the CIELCh color 70, 51.579, 334.028.

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, 31.400, 11.737

Trichromacy



Original Color
70, 51.579, 334.028



Protanomaly
69, 38.875, 305.487



Deuteranomaly
70, 31.802, 316.147



Tritanomaly
70, 36.496, 353.104

Monochromacy



Original Color
70, 51.579, 334.028



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 19.008, 332.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 51.579, 334.028 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(234, 139, 213)` looks like.

```
.text, #text, p{  
    color:rgb(234, 139, 213)  
}
```

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(234, 139, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 139, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 51.579, 334.028 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(234, 139, 213) }
```

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

```
.border{ border-color:rgb(234, 139, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 139, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 139, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 139, 213);  
box-shadow:4px 4px 4px 4px rgb(234, 139,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 51.579, 334.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 139, 213) }
```

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

```
.background{ background-color: rgb(234,  
139, 213) }
```

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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