

Converting Colors

CIELCh(70, 52.163, 328.155)

Have a look what the booklet for
CIELCh(70, 52.163, 328.155)
contains.

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Color

CIELCh(70, 52.005, 328.167)

Conversions

Conversions Part 1

Format	Color
Hex	E38EDE
RGB	227, 142, 222
RGB Percent	89%, 56%, 87%
CMY	0.1114, 0.4446, 0.1310
CMYK	0.00, 0.37, 0.02, 0.11
HSL	304°, 60%, 72%
HSV	304°, 37%, 89%
XYZ	54.2966, 40.7494, 73.8290
YIQ	176.5350, 24.9800, 42.9000

Conversions

Conversions Part 2

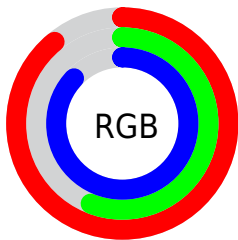
Format	Color
RYB	227, 142, 222
Decimal	14913246
CIELab	70.00, 44.18, -27.43
CIELCh	70, 52.005, 328.167
Yxy	40.7494, 0.3215, 0.2413
Android (android.graphics.Color)	4293103326 (0xFFE38EDE)
YUV	176.5350, 22.4142, 44.2578
Hunter-Lab	63.8353, 40.1156, -23.8875

Details

The CIELCh color **70, 52.005, 328.167** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83, 52.067, 143.199**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 36.378, 325.689**, and **50, 52.346, 327.991** is the 20% darker color. If you saturate the color by 10%, you get **65, 64.874, 328.700**, and if you desaturate by 10%, it is **75, 38.382, 327.609**.

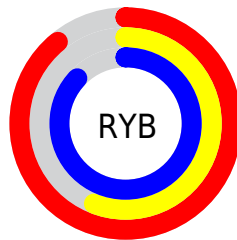
Distribution



Red (89%)

Green (56%)

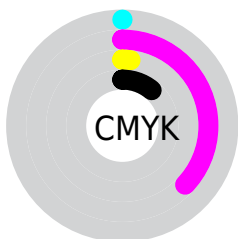
Blue (87%)



Red (89%)

Yellow (56%)

Blue (87%)

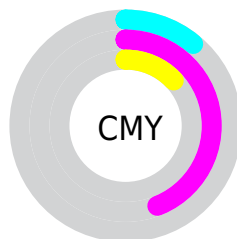


Cyan (0%)

Magenta (37%)

Yellow (2%)

Black (11%)



Cyan (11%)


Magenta (44%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 52.005, 328.167 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, 52.005, 328.167 by changing the saturation by 10% instead.


 70, 52.005,
328.167


 70, 52.005,
328.167


 100, 52.005,
328.167


 60, 52.005,
328.167


 90, 52.005,
328.167

 50, 52.005,
328.167

 40, 52.005,
328.167

 30, 52.005,
328.167

 20, 52.005,
328.167

 10, 52.005,
328.167

 0, 52.005, 328.167

70, 52.005,
328.167

70, 52.005,
328.167

65, 64.874,
328.700

75, 38.382,
327.609

61, 76.484,
329.196

80, 24.420,
327.036

58, 86.264,
329.645

86, 10.414,
326.451

56, 93.687,
330.039

92, 3.433, 146.006

54, 98.423,
330.380

97, 16.993,
145.392

53, 100.544,
330.679

97, 16.493,
146.757

53, 100.876,
330.751

97, 15.953,
148.220

97, 15.423,
149.780

■ 98, 14.904,
151.448

Harmonies

Complementary

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



70, 52.005, 328.167



83, 52.067, 143.199

Rectangle

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



70, 52.005, 328.167



70, 52.005, 18.167



70, 52.005, 148.167



70, 52.005, 198.167

Sweetspot

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



70, 52.002, 328.167



93, 16.850, 326.663



62, 47.693, 296.639



49, 11.329, 326.743



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, 52.002, 328.167



74, 67.928, 328.586



69, 37.871, 350.355



44, 7.834, 326.567



41, 83.564, 330.706



8, 34.540, 330.272

Inverse Universe

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



70, 52.002, 328.167



74, 67.928, 328.586



84, 35.720, 162.678



44, 7.834, 326.567



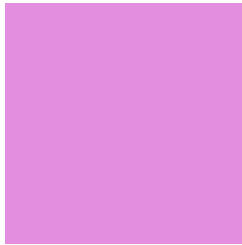
41, 83.564, 330.706



8, 34.540, 330.272

Previews

White Background



This preview shows how the CIELCh color 70, 52.005, 328.167 looks on a white background.

Color Contrast Check

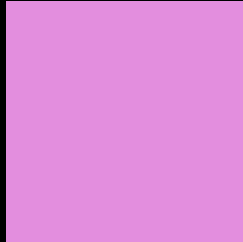
Large Text (above 18pt) WCAG AA × Fail

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, 52.005, 328.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

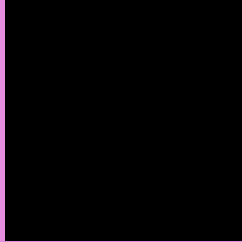
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 52.005, 328.167

Background



This preview shows how black text looks on a background with the CIELCh color 70, 52.005, 328.167.

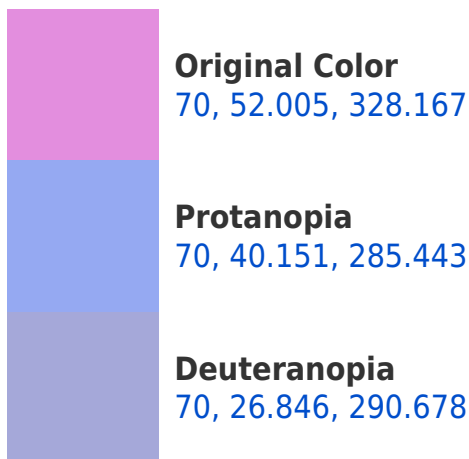



This preview shows how white text looks on a background with the CIELCh color 70, 52.005, 328.167.

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, 26.643, 7.995

Trichromacy



Original Color
70, 52.005, 328.167



Protanomaly
70, 42.262, 301.960



Deuteranomaly
70, 35.056, 309.596



Tritanomaly
70, 33.715, 346.386

Monochromacy



Original Color
70, 52.005, 328.167



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 20.005, 326.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 52.005, 328.167 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(227, 142, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 142, 222)  
}
```

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(227, 142, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 142, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 52.005, 328.167 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(227, 142, 222) }
```

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

```
.border{ border-color:rgb(227, 142, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 142, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 142, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 142, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 142,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 52.005, 328.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 142, 222) }
```

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

```
.background{ background-color: rgb(227,  
142, 222) }
```

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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