

Converting Colors

CIELCh(68, 63.632, 331.086)

Have a look what the booklet for
CIELCh(68, 63.632, 331.086)
contains.

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Color

CIELCh(68, 63.657, 331.210)

Conversions

Conversions Part 1

Format	Color
Hex	ED7DDE
RGB	237, 125, 222
RGB Percent	93%, 49%, 87%
CMY	0.0704, 0.5096, 0.1292
CMYK	0.00, 0.47, 0.06, 0.07
HSL	308°, 76%, 71%
HSV	308°, 47%, 93%
XYZ	55.4770, 37.9720, 73.5511
YIQ	169.5460, 35.6150, 53.9110

Conversions

Conversions Part 2

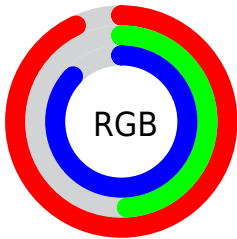
Format	Color
R _Y B	237, 125, 222
Decimal	15564254
CIE Lab	68.00, 55.79, -30.66
CIE LCh	68, 63.657, 331.210
Yxy	37.9720, 0.3322, 0.2274
Android (android.graphics.Color)	4293754334 (0xFFED7DDE)
YUV	169.5460, 25.8598, 59.1572
Hunter-Lab	61.6215, 52.8636, -27.6332

Details

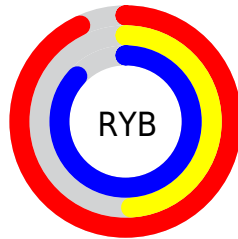
The CIELCh color **68, 63.657, 331.210** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **85, 63.899, 144.285**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 46.349, 326.028**, and **48, 64.060, 331.097** is the 20% darker color. If you saturate the color by 10%, you get **64, 75.132, 331.825**, and if you desaturate by 10%, it is **73, 50.927, 330.589**.

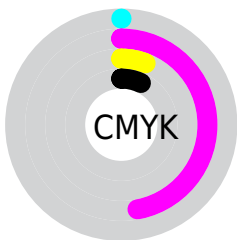
Distribution



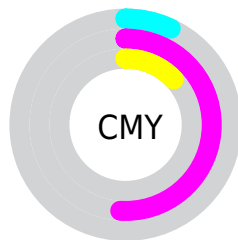
- Red (93%)
- Green (49%)
- Blue (87%)



- Red (93%)
- Yellow (49%)
- Blue (87%)



- Cyan (0%)
- Magenta (47%)
- Yellow (6%)
- Black (7%)





- Cyan (7%)
- Magenta (51%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 63.657, 331.210 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 68, 63.657, 331.210 by changing the saturation by 10% instead.


 68, 63.657,
331.210


 68, 63.657,
331.210


 100, 63.657,
331.210


 58, 63.657,
331.210


 88, 63.657,
331.210

 48, 63.657,
331.210

 98, 63.657,
331.210

 38, 63.657,
331.210

 28, 63.657,
331.210

 18, 63.657,
331.210

 8, 63.657, 331.210

 0, 63.657, 331.210

68, 63.657,
331.210

68, 63.657,
331.210

64, 75.132,
331.825

73, 50.927,
330.589

60, 84.764,
332.434

78, 37.473,
329.966

57, 91.985,
333.043

84, 23.702,
329.346

56, 96.420,
333.665

89, 9.906, 328.722

55, 98.099,
334.324

95, 3.718, 148.258

54, 98.308,
334.511

98, 9.527, 151.022

98, 8.365, 158.276

99, 7.371, 167.636

99, 6.623, 179.461

Harmonies

Complementary

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



68, 63.657, 331.210



85, 63.899, 144.285

Rectangle

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



68, 63.657, 331.210



68, 63.657, 21.210



68, 63.657, 151.210



68, 63.657, 201.210

Sweetspot

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



68, 63.654, 331.210



91, 20.387, 329.148



58, 63.641, 300.562



47, 14.088, 329.282



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 63.654, 331.210



68, 79.373, 331.824



66, 47.574, 357.412



46, 7.712, 328.863



42, 80.477, 334.388



9, 34.990, 333.373

Inverse Universe

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



68, 63.654, 331.210



68, 79.373, 331.824



86, 42.747, 166.377



46, 7.712, 328.863



42, 80.477, 334.388



9, 34.990, 333.373

Previews

White Background



This preview shows how the CIELCh color 68, 63.657, 331.210 looks on a white background.

Color Contrast Check

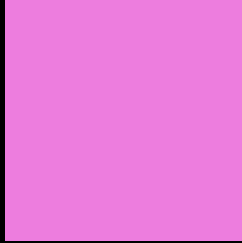
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 63.657, 331.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

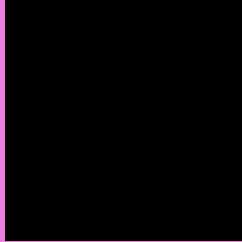
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 63.657, 331.210

Background



This preview shows how black text looks on a background with the CIELCh color 68, 63.657, 331.210.

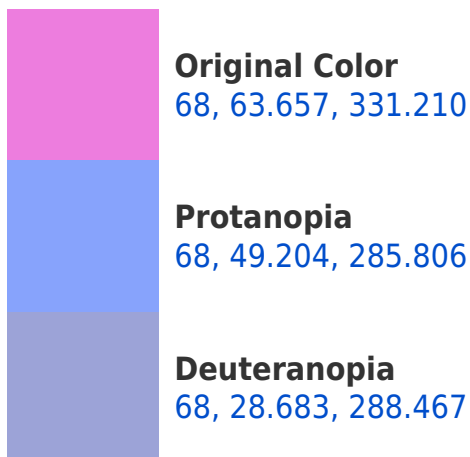


This preview shows how white text looks on a background with the CIELCh color 68, 63.657, 331.210.

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
68, 35.742, 14.530

Trichromacy



Original Color
68, 63.657, 331.210



Protanomaly
67, 51.493, 302.963



Deuteranomaly
67, 40.150, 311.335



Tritanomaly
68, 42.642, 352.049

Monochromacy



Original Color
68, 63.657, 331.210



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 24.249, 329.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 63.657, 331.210 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(237, 125, 222)` looks like.

```
.text, #text, p{  
    color:rgb(237, 125, 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(237, 125, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 125, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 63.657, 331.210 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(237, 125, 222) }
```

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

```
.border{ border-color:rgb(237, 125, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 125, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 125, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 125, 222); box-shadow:4px 4px 4px 4px rgb(237, 125, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 63.657, 331.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 125, 222) }
```

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

```
.background{ background-color: rgb(237,  
125, 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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