

Converting Colors

CIELCh(69, 63.654, 330.844)

Have a look what the booklet for
CIELCh(69, 63.654, 330.844)
contains.

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Color

CIELCh(69, 63.806, 330.573)

Conversions

Conversions Part 1

Format	Color
Hex	EF80E2
RGB	239, 128, 226
RGB Percent	94%, 50%, 89%
CMY	0.0622, 0.4975, 0.1132
CMYK	0.00, 0.46, 0.05, 0.06
HSL	307°, 78%, 72%
HSV	307°, 46%, 94%
XYZ	57.1244, 39.3444, 76.6305
YIQ	172.3610, 34.6980, 54.0100

Conversions

Conversions Part 2

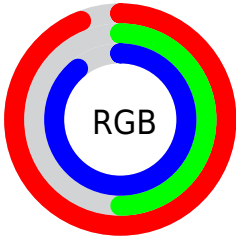
Format	Color
R_{YB}	239, 128, 226
Decimal	15696098
CIE _{Lab}	69.00, 55.57, -31.35
CIE _{LCh}	69, 63.806, 330.573
Yxy	39.3444, 0.3300, 0.2273
Android (android.graphics.Color)	4293886178 (0xFFEF80E2)
YUV	172.3610, 26.4440, 58.4424
Hunter-Lab	62.7251, 52.7927, -28.5263

Details

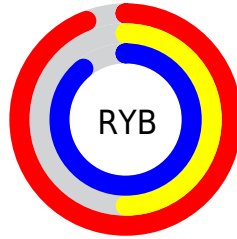
The CIELCh color **69, 63.806, 330.573** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **86, 64.049, 143.882**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 44.490, 325.965**, and **49, 63.443, 330.741** is the 20% darker color. If you saturate the color by 10%, you get **65, 75.614, 331.161**, and if you desaturate by 10%, it is **74, 50.767, 329.972**.

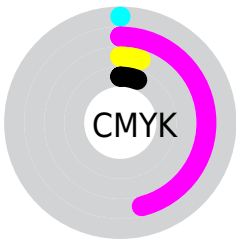
Distribution



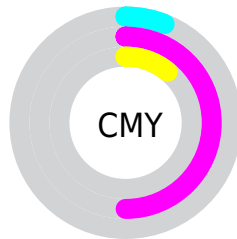
- Red (94%)
- Green (50%)
- Blue (89%)



- Red (94%)
- Yellow (50%)
- Blue (89%)



- Cyan (0%)
- Magenta (46%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (50%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 63.806, 330.573 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 69, 63.806, 330.573 by changing the saturation by 10% instead.


 69, 63.806,
330.573


 69, 63.806,
330.573


 100, 63.806,
330.573


 59, 63.806,
330.573


 89, 63.806,
330.573

 49, 63.806,
330.573

 99, 63.806,
330.573

 39, 63.806,
330.573

 29, 63.806,
330.573

 19, 63.806,
330.573

 9, 63.806, 330.573

 0, 63.806, 330.573

69, 63.806,
330.573

69, 63.806,
330.573

65, 75.614,
331.161

74, 50.767,
329.972

61, 85.602,
331.733

79, 37.026,
329.364

58, 93.192,
332.291

85, 22.986,
328.755

56, 97.989,
332.844

91, 8.938, 328.138

97, 4.925, 147.661

55, 99.971,
333.413

99, 8.332, 151.597

55, 100.275,
333.620

99, 7.318, 158.993

99, 6.458, 168.523

99, 5.822, 180.511

Harmonies

Complementary

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



69, 63.806, 330.573



86, 64.049, 143.882

Rectangle

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



69, 63.806, 330.573



69, 63.806, 20.573



69, 63.806, 150.573



69, 63.806, 200.573

Sweetspot

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



69, 63.803, 330.573



91, 20.627, 328.610



59, 62.867, 299.979



47, 14.253, 328.742



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 63.803, 330.573



69, 79.120, 331.148



67, 47.385, 356.112



47, 7.943, 328.330



42, 82.377, 333.520



10, 36.421, 332.702

Inverse Universe

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



69, 63.803, 330.573



69, 79.120, 331.148



87, 42.982, 165.437



47, 7.943, 328.330



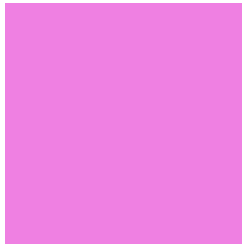
42, 82.377, 333.520



10, 36.421, 332.702

Previews

White Background



This preview shows how the CIELCh color 69, 63.806, 330.573 looks on a white background.

Color Contrast Check

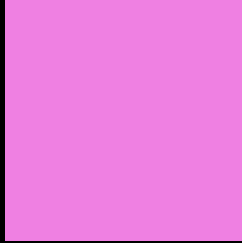
Large Text (above 18pt) WCAG AA × Fail

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 69, 63.806, 330.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

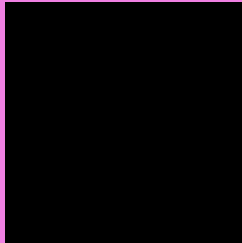
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 63.806, 330.573

Background



This preview shows how black text looks on a background with the CIELCh color 69, 63.806, 330.573.

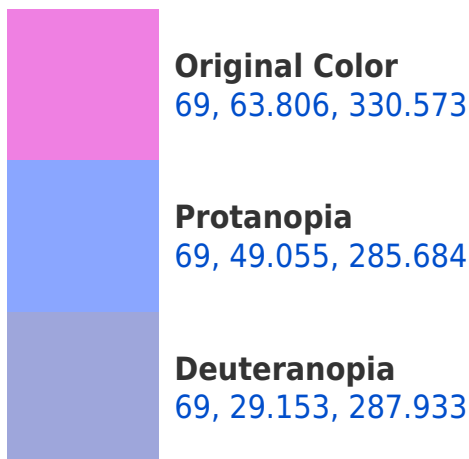


This preview shows how white text looks on a background with the CIELCh color 69, 63.806, 330.573.

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
69, 35.209, 13.425

Trichromacy



Original Color
69, 63.806, 330.573



Protanomaly
68, 51.867, 302.860



Deuteranomaly
68, 40.542, 311.086



Tritanomaly
69, 42.456, 350.986

Monochromacy



Original Color
69, 63.806, 330.573



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 24.624, 328.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 63.806, 330.573 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(239, 128, 226)` looks like.

```
.text, #text, p{  
    color:rgb(239, 128, 226)  
}
```

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(239, 128, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 128, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 63.806, 330.573 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(239, 128, 226) }
```

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

```
.border{ border-color:rgb(239, 128, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 128, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 128, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 128, 226);  
box-shadow:4px 4px 4px 4px rgb(239, 128,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 63.806, 330.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 128, 226) }
```

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

```
.background{ background-color: rgb(239,  
128, 226) }
```

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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