

Converting Colors

CIELCh(80, 80.560, 0.222)

Have a look what the booklet for
CIELCh(80, 80.560, 0.222) contains.

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Color

CIELCh(69, 61.263, 344.014)

Conversions

Conversions Part 1

Format	Color
Hex	FE7AC8
RGB	254, 122, 200
RGB Percent	100%, 48%, 78%
CMY	0.0025, 0.5200, 0.2141
CMYK	0.00, 0.52, 0.21, 0.00
HSL	325°, 99%, 74%
HSV	325°, 52%, 100%
XYZ	58.4834, 39.3444, 59.4039
YIQ	170.3600, 53.6340, 52.2420

Conversions

Conversions Part 2

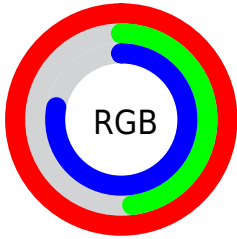
Format	Color
RYB	254, 122, 200
Decimal	16677576
CIELab	69.00, 58.89, -16.87
CIELCh	69, 61.263, 344.014
Yxy	39.3444, 0.3720, 0.2502
Android (android.graphics.Color)	4294867656 (0xFFFE7AC8)
YUV	170.3600, 14.6125, 73.3523
Hunter-Lab	62.7251, 56.6602, -12.2431

Details

The CIELCh color **69, 61.263, 344.014** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 59.622, 153.678**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 48.201, 326.091**, and **49, 61.129, 343.898** is the 20% darker color. If you saturate the color by 10%, you get **64, 70.938, 345.421**, and if you desaturate by 10%, it is **74, 50.244, 342.812**.

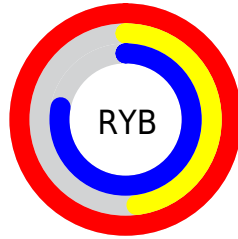
Distribution



Red (100%)

Green (48%)

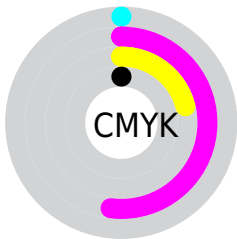
Blue (78%)



Red (100%)

Yellow (48%)

Blue (78%)

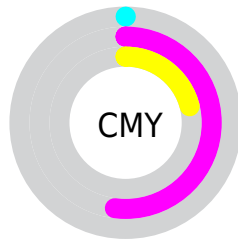


Cyan (0%)

Magenta (52%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 61.263, 344.014 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, 61.263, 344.014 by changing the saturation by 10% instead.


 69, 61.263,
344.014


 69, 61.263,
344.014


 100, 61.263,
344.014


 59, 61.263,
344.014


 89, 61.263,
344.014

 49, 61.263,
344.014

 99, 61.263,
344.014

 39, 61.263,
344.014

 29, 61.263,
344.014

 19, 61.263,
344.014

 9, 61.263, 344.014

 0, 61.263, 344.014

69, 61.263,
344.014

69, 61.263,
344.014

64, 70.938,
345.421

74, 50.244,
342.812

61, 78.648,
347.113

80, 38.456,
341.756

58, 83.840,
349.202

86, 26.337,
340.810

56, 86.274,
351.819

92, 14.193,
339.941

55, 86.604,
354.369

99, 2.222, 338.988

100, 0.225,
202.338

Harmonies

Complementary

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



69, 61.263, 344.014



91, 59.622, 153.678

Rectangle

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



69, 61.263, 344.014



69, 61.263, 34.014



69, 61.263, 164.014



69, 61.263, 214.014

Sweetspot

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



69, 61.260, 344.015



90, 19.232, 340.293



62, 74.992, 308.731



46, 13.004, 340.471



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, 61.260, 344.015



65, 71.194, 345.442



67, 54.107, 18.364



50, 6.795, 339.742



42, 70.092, 353.749



11, 33.011, 349.589

Inverse Universe

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



69, 61.260, 344.015



65, 71.194, 345.442



92, 39.779, 186.979



50, 6.795, 339.742



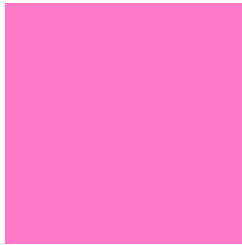
42, 70.092, 353.749



11, 33.011, 349.589

Previews

White Background



This preview shows how the CIELCh color 69, 61.263, 344.014 looks on a white background.

Color Contrast Check

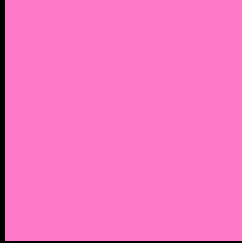
Large Text (above 18pt) WCAG AA × Fail

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, 61.263, 344.014 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, 61.263, 344.014

Background



This preview shows how black text looks on a background with the CIELCh color 69, 61.263, 344.014.

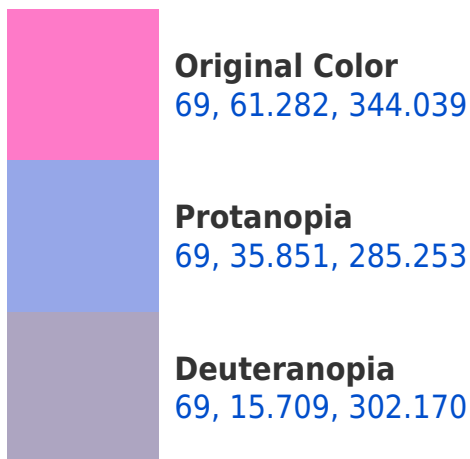


This preview shows how white text looks on a background with the CIELCh color 69, 61.263, 344.014.

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



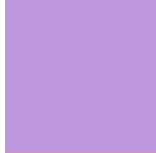


Tritanopia
69, 46.944, 18.058

Trichromacy



Original Color
69, 61.282, 344.039



Protanomaly
68, 40.673, 311.562



Deuteranomaly
68, 31.708, 329.818



Tritanomaly
69, 49.712, 3.206

Monochromacy



Original Color
69, 61.282, 344.039



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 23.979, 340.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 61.263, 344.014 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(254, 122, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 122, 200)  
}
```

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(254, 122, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 122, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 61.263, 344.014 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(254, 122, 200) }
```

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

```
.border{ border-color:rgb(254, 122, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 122, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 122, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 122, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 122,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 61.263, 344.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 122, 200) }
```

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

```
.background{ background-color: rgb(254,  
122, 200) }
```

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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