

Converting Colors

CIELCh(71, 55.174, 345.277)

Have a look what the booklet for
CIELCh(71, 55.174, 345.277)
contains.

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Color

CIELCh(71, 55.148, 345.254)

Conversions

Conversions Part 1

Format	Color
Hex	FE86C9
RGB	254, 134, 201
RGB Percent	100%, 53%, 79%
CMY	0.0051, 0.4756, 0.2129
CMYK	0.00, 0.47, 0.21, 0.01
HSL	326°, 98%, 76%
HSV	326°, 47%, 99%
XYZ	59.7543, 42.1875, 60.0753
YIQ	177.5180, 50.0130, 46.2770

Conversions

Conversions Part 2

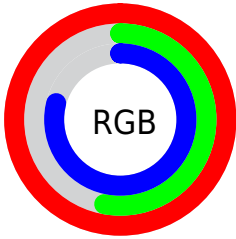
Format	Color
R_{YB}	254, 134, 201
Decimal	16680649
CIE _{Lab}	71.00, 53.33, -14.04
CIE _{LCh}	71, 55.148, 345.254
Yxy	42.1875, 0.3688, 0.2604
Android (android.graphics.Color)	4294870729 (0xFFFE86C9)
YUV	177.5180, 11.5766, 67.0747
Hunter-Lab	64.9519, 50.5500, -9.3722

Details

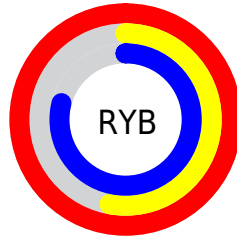
The CIELCh color **71, 55.148, 345.254** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 53.196, 155.813**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 40.756, 325.838**, and **51, 54.949, 345.350** is the 20% darker color. If you saturate the color by 10%, you get **66, 65.364, 346.666**, and if you desaturate by 10%, it is **76, 43.909, 344.047**.

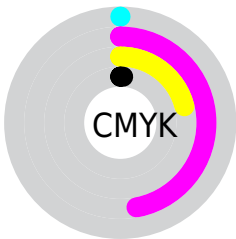
Distribution



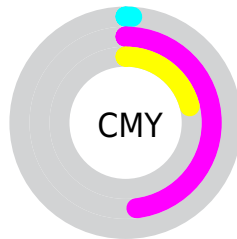
- Red (100%)
- Green (53%)
- Blue (79%)



- Red (100%)
- Yellow (53%)
- Blue (79%)



- Cyan (0%)
- Magenta (47%)
- Yellow (21%)
- Black (1%)





- Cyan (1%)
- Magenta (48%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 55.148, 345.254 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 71, 55.148, 345.254 by changing the saturation by 10% instead.


 71, 55.148,
345.254


 71, 55.148,
345.254


 100, 55.148,
345.254


 61, 55.148,
345.254


 91, 55.148,
345.254

 51, 55.148,
345.254

 41, 55.148,
345.254

 31, 55.148,
345.254

 21, 55.148,
345.254

 11, 55.148,
345.254

 1, 55.148, 345.254

■ 0, 55.148, 345.254

■ 71, 55.148,
345.254

■ 71, 55.148,
345.254

■ 66, 65.364,
346.666

■ 76, 43.909,
344.047

■ 62, 73.963,
348.361

■ 82, 32.159,
342.988

■ 59, 80.340,
350.452

■ 88, 20.260,
342.038

■ 57, 84.094,
353.079

■ 95, 8.460, 341.154

■ 55, 85.294,
356.381

100, 0.455,
200.833

■ 55, 85.414,
357.356

Harmonies

Complementary

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



71, 55.148, 345.254



91, 53.196, 155.813

Rectangle

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



71, 55.148, 345.254



71, 55.148, 35.254



71, 55.148, 165.254



71, 55.148, 215.254

Sweetspot

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



71, 55.145, 345.255



91, 16.428, 341.744



65, 68.135, 309.431



47, 11.363, 341.936



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 55.145, 345.255



67, 65.358, 346.624



69, 49.110, 19.817



50, 6.642, 341.349



41, 69.233, 356.667



11, 32.539, 351.992

Inverse Universe

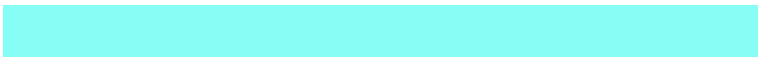
The Inverse Universe completely reimagines the original color for something new.



71, 55.145, 345.255



67, 65.358, 346.624



93, 36.335, 190.563



50, 6.642, 341.349



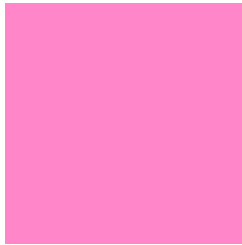
41, 69.233, 356.667



11, 32.539, 351.992

Previews

White Background



This preview shows how the CIELCh color 71, 55.148, 345.254 looks on a white background.

Color Contrast Check

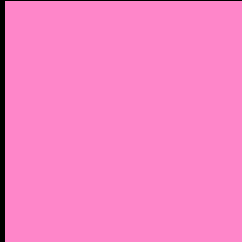
Large Text (above 18pt) WCAG AA × Fail

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 71, 55.148, 345.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

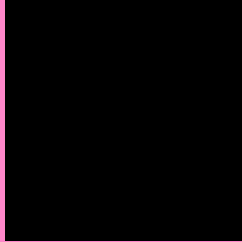
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 55.148, 345.254

Background



This preview shows how black text looks on a background with the CIELCh color 71, 55.148, 345.254.



This preview shows how white text looks on a background with the CIELCh color 71, 55.148, 345.254.

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



Original Color
71, 55.148, 345.254

Protanopia
71, 30.151, 285.745

Deuteranopia
71, 14.391, 308.951



Tritanopia
71, 42.834, 16.068

Trichromacy



Original Color
71, 55.148, 345.254



Protanomaly
70, 34.746, 314.009



Deuteranomaly
71, 28.665, 332.661



Tritanomaly
71, 45.456, 3.152

Monochromacy



Original Color
71, 55.148, 345.254



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 21.354, 341.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 55.148, 345.254 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, 134, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 134, 201)  
}
```

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, 134, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 134, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 55.148, 345.254 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, 134, 201) }
```

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

```
.border{ border-color:rgb(254, 134, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 134, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 134, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 134, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 134,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 55.148, 345.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 134, 201) }
```

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

```
.background{ background-color: rgb(254,  
134, 201) }
```

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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