

Converting Colors

CIELCh(73, 52.366, 343.746)

Have a look what the booklet for
CIELCh(73, 52.366, 343.746)
contains.

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Color

CIELCh(73, 52.622, 343.951)

Conversions

Conversions Part 1

Format	Color
Hex	FF8ECF
RGB	255, 142, 207
RGB Percent	100%, 56%, 81%
CMY	0.0000, 0.4427, 0.1879
CMYK	0.00, 0.44, 0.19, 0.00
HSL	325°, 100%, 78%
HSV	325°, 44%, 100%
XYZ	62.2405, 45.1644, 64.5309
YIQ	183.1970, 46.4830, 44.1710

Conversions

Conversions Part 2

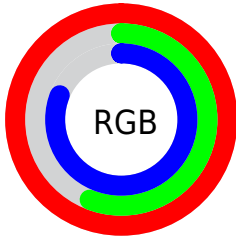
Format	Color
R_{YB}	255, 142, 207
Decimal	16748239
CIE Lab	73.00, 50.57, -14.55
CIE LCh	73, 52.622, 343.951
Yxy	45.1644, 0.3620, 0.2627
Android (android.graphics.Color)	4294938319 (0xFFFF8ECF)
YUV	183.1970, 11.7349, 62.9712
Hunter-Lab	67.2044, 47.7076, -9.8882

Details

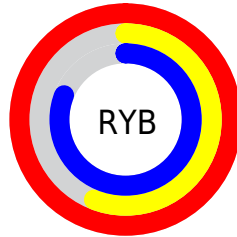
The CIELCh color $73, 52.622, 343.951$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 50.969, 155.411$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 35.751, 325.667$, and $53, 52.694, 343.730$ is the 20% darker color. If you saturate the color by 10%, you get $68, 63.294, 345.211$, and if you desaturate by 10%, it is $79, 41.011, 342.799$.

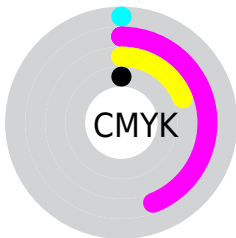
Distribution



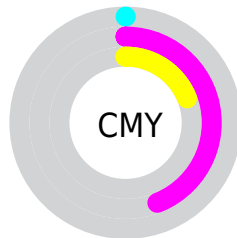
- Red (100%)
- Green (56%)
- Blue (81%)



- Red (100%)
- Yellow (56%)
- Blue (81%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 52.622, 343.951 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 73, 52.622, 343.951 by changing the saturation by 10% instead.


 73, 52.622,
343.951


 73, 52.622,
343.951


 100, 52.622,
343.951


 63, 52.622,
343.951


 93, 52.622,
343.951

 53, 52.622,
343.951

 43, 52.622,
343.951

 33, 52.622,
343.951

 23, 52.622,
343.951

 13, 52.622,
343.951

 3, 52.622, 343.951

0, 52.622, 343.951

73, 52.622,
343.951

73, 52.622,
343.951

68, 63.294,
345.211

79, 41.011,
342.799

64, 72.529,
346.740

85, 29.019,
341.804

60, 79.670,
348.602

91, 16.952,
340.901

58, 84.224,
350.921

97, 5.026, 340.024

56, 86.069,
353.840

100, 0.012,
296.813

55, 86.252,
355.772

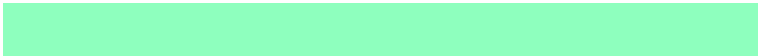
Harmonies

Complementary

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



73, 52.622, 343.951



92, 50.969, 155.411

Rectangle

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



73, 52.622, 343.951



73, 52.622, 33.951



73, 52.622, 163.951



73, 52.622, 213.951

Sweetspot

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



73, 52.592, 343.919



92, 15.422, 340.791



68, 63.811, 308.718



48, 10.812, 340.982



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 52.592, 343.919



69, 62.000, 345.035



71, 45.712, 17.955



50, 6.722, 340.491



42, 69.661, 355.112



11, 32.780, 350.710

Inverse Universe

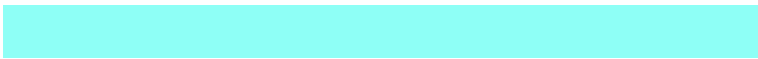
The Inverse Universe completely reimagines the original color for something new.



73, 52.592, 343.919



69, 62.000, 345.035



93, 34.934, 189.189



50, 6.722, 340.491



42, 69.661, 355.112



11, 32.780, 350.710

Previews

White Background



This preview shows how the CIELCh color 73, 52.622, 343.951 looks on a white background.

Color Contrast Check

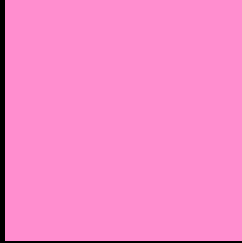
Large Text (above 18pt) WCAG AA × Fail

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 73, 52.622, 343.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

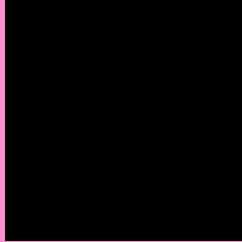
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 52.622, 343.951

Background



This preview shows how black text looks on a background with the CIELCh color 73, 52.622, 343.951.



This preview shows how white text looks on a background with the CIELCh color 73, 52.622, 343.951.

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
73, 39.682, 14.962

Trichromacy



Original Color
73, 52.622, 343.951



Protanomaly
72, 33.179, 312.919



Deuteranomaly
73, 28.059, 331.402



Tritanomaly
73, 42.584, 1.938

Monochromacy



Original Color
73, 52.622, 343.951



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 20.034, 340.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 52.622, 343.951 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(255, 142, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 207)  
}
```

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(255, 142, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 52.622, 343.951 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(255, 142, 207) }
```

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

```
.border{ border-color:rgb(255, 142, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 52.622, 343.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 207) }
```

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

```
.background{ background-color: rgb(255,  
142, 207) }
```

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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