

Converting Colors

CIELCh(90, 89.344, 4.683)

Have a look what the booklet for
CIELCh(90, 89.344, 4.683) contains.

CIELCh(73, 56.748, 339.204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 56.748, 339.204)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CD9
RGB	255, 140, 217
RGB Percent	100%, 55%, 85%
CMY	0.0000, 0.4500, 0.1480
CMYK	0.00, 0.45, 0.15, 0.00
HSL	320°, 100%, 78%
HSV	320°, 45%, 100%
XYZ	63.3130, 45.1644, 71.2017
YIQ	183.1630, 43.8230, 48.3270

Conversions

Conversions Part 2

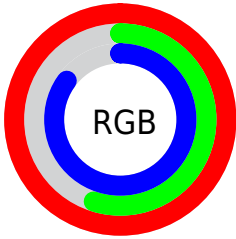
Format	Color
R _Y B	255, 140, 217
Decimal	16747737
CIE Lab	73.00, 53.05, -20.15
CIE LCh	73, 56.748, 339.204
Yxy	45.1644, 0.3524, 0.2514
Android (android.graphics.Color)	4294937817 (0xFFFF8CD9)
YUV	183.1630, 16.6816, 63.0010
Hunter-Lab	67.2044, 50.5564, -15.7734

Details

The CIELCh color **73, 56.748, 339.204** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 55.908, 151.255**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 37.005, 325.710**, and **53, 56.536, 339.200** is the 20% darker color. If you saturate the color by 10%, you get **68, 67.792, 340.157**, and if you desaturate by 10%, it is **78, 44.546, 338.191**.

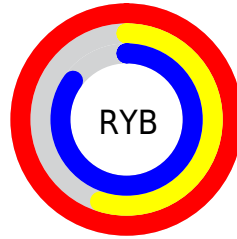
Distribution



Red (100%)

Green (55%)

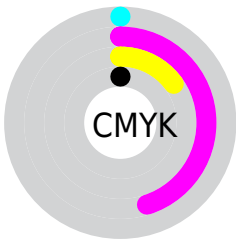
Blue (85%)



Red (100%)

Yellow (55%)

Blue (85%)

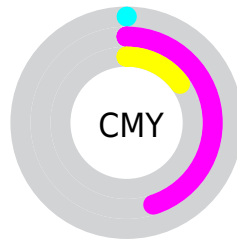


Cyan (0%)

Magenta (45%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 56.748, 339.204 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, 56.748, 339.204 by changing the saturation by 10% instead.


 73, 56.748,
339.204


 73, 56.748,
339.204


 100, 56.748,
339.204


 63, 56.748,
339.204


 93, 56.748,
339.204

 53, 56.748,
339.204

 43, 56.748,
339.204

 33, 56.748,
339.204

 23, 56.748,
339.204

 13, 56.748,
339.204

 3, 56.748, 339.204

■ 0, 56.748, 339.204

■ 73, 56.748,
339.204

■ 73, 56.748,
339.204

■ 68, 67.792,
340.157

■ 78, 44.546,
338.191

■ 64, 77.254,
341.335

■ 84, 31.877,
337.337

■ 61, 84.432,
342.716

■ 90, 19.044,
336.541

■ 58, 88.836,
344.381

■ 97, 6.297, 335.763

■ 57, 90.351,
346.424

100, 0.012,
296.813

■ 56, 90.340,
347.581

Harmonies

Complementary

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



73, 56.748, 339.204



92, 55.908, 151.255

Rectangle

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



73, 56.748, 339.204



73, 56.748, 29.204



73, 56.748, 159.204



73, 56.748, 209.204

Sweetspot

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



73, 56.685, 339.122



92, 16.485, 336.387



66, 64.470, 305.689



48, 11.553, 336.557



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, 56.685, 339.122



69, 66.748, 340.048



71, 46.267, 10.513



50, 7.190, 336.119



42, 73.007, 347.134



11, 34.424, 344.159

Inverse Universe

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



73, 56.685, 339.122



69, 66.748, 340.048



93, 37.616, 180.182



50, 7.190, 336.119



42, 73.007, 347.134



11, 34.424, 344.159

Previews

White Background



This preview shows how the CIELCh color 73, 56.748, 339.204 looks on a white background.

Color Contrast Check

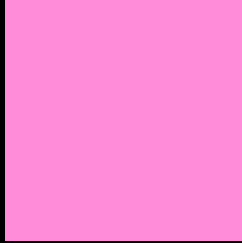
Large Text (above 18pt) WCAG AA × Fail

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, 56.748, 339.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

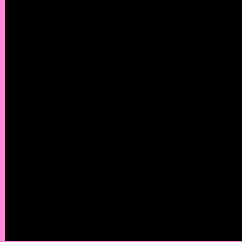
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 56.748, 339.204

Background



This preview shows how black text looks on a background with the CIELCh color 73, 56.748, 339.204.



This preview shows how white text looks on a background with the CIELCh color 73, 56.748, 339.204.

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, 39.271, 14.053

Trichromacy



Original Color
73, 56.748, 339.204



Protanomaly
72, 39.652, 308.635



Deuteranomaly
72, 32.377, 323.499



Tritanomaly
73, 43.411, 357.850

Monochromacy



Original Color
73, 56.748, 339.204



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 21.706, 337.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 56.748, 339.204 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, 140, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 217)  
}
```

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, 140, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 56.748, 339.204 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, 140, 217) }
```

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

```
.border{ border-color:rgb(255, 140, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 56.748, 339.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 217) }
```

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

```
.background{ background-color: rgb(255,  
140, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor