

Converting Colors

CIELCh(71, 62.171, 338.391)

Have a look what the booklet for
CIELCh(71, 62.171, 338.391)
contains.

CIELCh(71, 62.303, 338.333)	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(71, 62.303, 338.333)

Conversions

Conversions Part 1

Format	Color
Hex	FF82D9
RGB	255, 130, 217
RGB Percent	100%, 51%, 85%
CMY	0.0004, 0.4905, 0.1494
CMYK	0.00, 0.49, 0.15, 0.00
HSL	318°, 100%, 75%
HSV	318°, 49%, 100%
XYZ	61.6871, 42.1875, 70.4743
YIQ	177.2930, 46.5730, 53.5570

Conversions

Conversions Part 2

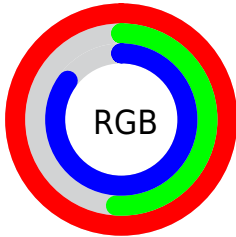
Format	Color
RYB	255, 130, 217
Decimal	16745177
CIELab	71.00, 57.90, -23.00
CIELCh	71, 62.303, 338.333
Yxy	42.1875, 0.3538, 0.2420
Android (android.graphics.Color)	4294935257 (0xFFFF82D9)
YUV	177.2930, 19.5756, 68.1490
Hunter-Lab	64.9519, 55.8618, -18.8647

Details

The CIELCh color **71, 62.303, 338.333** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 61.770, 149.766**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.248, 325.923**, and **51, 62.152, 338.401** is the 20% darker color. If you saturate the color by 10%, you get **66, 72.958, 339.348**, and if you desaturate by 10%, it is **76, 50.345, 337.418**.

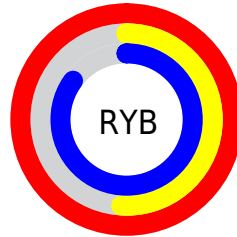
Distribution



Red (100%)

Green (51%)

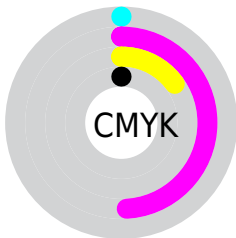
Blue (85%)



Red (100%)

Yellow (51%)

Blue (85%)

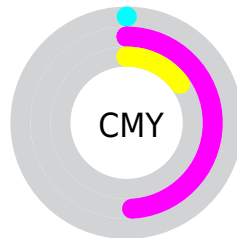


Cyan (0%)

Magenta (49%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 62.303, 338.333 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, 62.303, 338.333 by changing the saturation by 10% instead.


 71, 62.303,
338.333


 71, 62.303,
338.333


 100, 62.303,
338.333


 61, 62.303,
338.333


 91, 62.303,
338.333

 51, 62.303,
338.333

 41, 62.303,
338.333

 31, 62.303,
338.333

 21, 62.303,
338.333

 11, 62.303,
338.333

 1, 62.303, 338.333

0, 62.303, 338.333

71, 62.303,
338.333

71, 62.303,
338.333

66, 72.958,
339.348

76, 50.345,
337.418

63, 81.680,
340.500

82, 37.651,
336.575

60, 87.861,
341.849

88, 24.643,
335.787

58, 91.133,
343.470

94, 11.622,
335.037

57, 91.705,
345.430

100, 0.034,
219.203

57, 91.704,
345.629

Harmonies

Complementary

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



71, 62.303, 338.333



91, 61.770, 149.766

Rectangle

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



71, 62.303, 338.333



71, 62.303, 28.333



71, 62.303, 158.333



71, 62.303, 208.333

Sweetspot

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



71, 62.300, 338.333



90, 19.386, 335.482



63, 70.539, 305.559



47, 13.242, 335.641



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, 62.300, 338.333



66, 72.947, 339.344



69, 50.647, 10.110



50, 7.319, 335.073



42, 74.128, 345.234



11, 34.931, 342.597

Inverse Universe

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



71, 62.300, 338.333



66, 72.947, 339.344



93, 40.849, 178.323



50, 7.319, 335.073



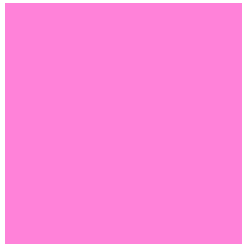
42, 74.128, 345.234



11, 34.931, 342.597

Previews

White Background



This preview shows how the CIELCh color 71, 62.303, 338.333 looks on a white background.

Color Contrast Check

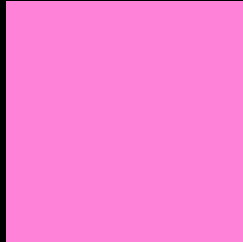
Large Text (above 18pt) WCAG AA × Fail

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, 62.303, 338.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

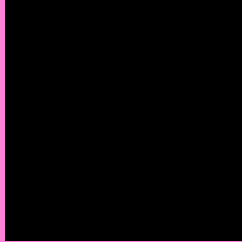
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 62.303, 338.333

Background



This preview shows how black text looks on a background with the CIELCh color 71, 62.303, 338.333.

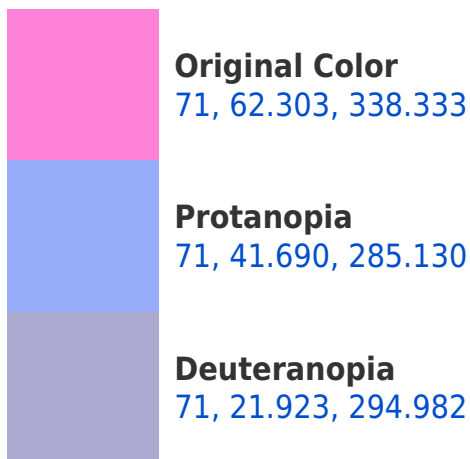


This preview shows how white text looks on a background with the CIELCh color 71, 62.303, 338.333.

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
71, 42.435, 15.947

Trichromacy



Original Color
71, 62.303, 338.333



Protanomaly
70, 45.134, 307.050



Deuteranomaly
70, 35.959, 320.858



Tritanomaly
71, 47.159, 358.547

Monochromacy



Original Color
71, 62.303, 338.333



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 24.090, 335.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 62.303, 338.333 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, 130, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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, 130, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 62.303, 338.333 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, 130, 217) }
```

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

```
.border{ border-color:rgb(255, 130, 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, 130, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 62.303, 338.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 217) }
```

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

```
.background{ background-color: rgb(255,  
130, 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](#).

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