

Converting Colors

CIELCh(71, 50.830, 334.796)

Have a look what the booklet for
CIELCh(71, 50.830, 334.796)
contains.

CIELCh(71, 50.756, 334.839)	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, 50.756, 334.839)

Conversions

Conversions Part 1

Format	Color
Hex	ED8ED6
RGB	237, 142, 214
RGB Percent	93%, 56%, 84%
CMY	0.0707, 0.4432, 0.1609
CMYK	0.00, 0.40, 0.10, 0.07
HSL	315°, 72%, 74%
HSV	315°, 40%, 93%
XYZ	56.7139, 42.1875, 68.7491
YIQ	178.6130, 33.5080, 42.5320

Conversions

Conversions Part 2

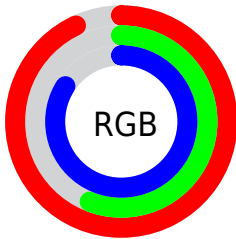
Format	Color
R _Y B	237, 142, 214
Decimal	15568598
CIE Lab	71.00, 45.94, -21.58
CIE LCh	71, 50.756, 334.839
Yxy	42.1875, 0.3383, 0.2516
Android (android.graphics.Color)	4293758678 (0xFFED8ED6)
YUV	178.6130, 17.4458, 51.2054
Hunter-Lab	64.9519, 42.1945, -17.2898

Details

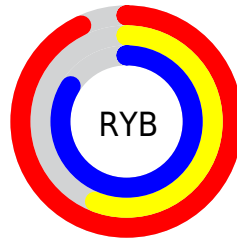
The CIELCh color $71, 50.756, 334.839$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $87, 50.471, 148.625$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 36.378, 325.689$, and $51, 50.577, 334.743$ is the 20% darker color. If you saturate the color by 10%, you get $66, 62.356, 335.635$, and if you desaturate by 10%, it is $76, 38.363, 334.086$.

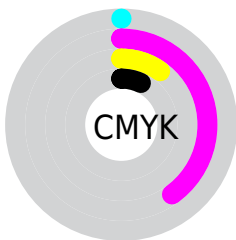
Distribution



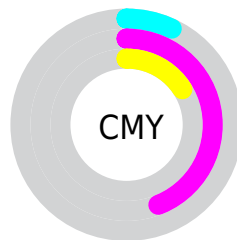
- Red (93%)
- Green (56%)
- Blue (84%)



- Red (93%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 50.756, 334.839 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, 50.756, 334.839 by changing the saturation by 10% instead.


 71, 50.756,
334.839


 71, 50.756,
334.839


 100, 50.756,
334.839


 61, 50.756,
334.839


 91, 50.756,
334.839

 51, 50.756,
334.839

 41, 50.756,
334.839

 31, 50.756,
334.839

 21, 50.756,
334.839

 11, 50.756,
334.839

 1, 50.756, 334.839

0, 50.756, 334.839

71, 50.756,
334.839

71, 50.756,
334.839

66, 62.356,
335.635

76, 38.363,
334.086

62, 72.634,
336.487

82, 25.609,
333.367

59, 80.982,
337.419

88, 12.794,
332.672

56, 86.851,
338.468

94, 0.118, 328.967

54, 89.927,
339.683

98, 8.970, 154.456

99, 7.152, 170.946

53, 90.556,
341.086

99, 6.223, 195.001

Harmonies

Complementary

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



71, 50.756, 334.839



87, 50.471, 148.625

Rectangle

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



71, 50.756, 334.839



71, 50.756, 24.839



71, 50.756, 154.839



71, 50.756, 204.839

Sweetspot

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



71, 50.753, 334.839



92, 16.174, 332.807



64, 53.460, 302.632



48, 10.737, 332.898



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, 50.753, 334.839



72, 63.679, 335.481



70, 39.088, 3.297



46, 7.144, 332.628



41, 74.239, 340.809



8, 32.614, 338.550

Inverse Universe

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



71, 50.753, 334.839



72, 63.679, 335.481



87, 34.075, 174.199



46, 7.144, 332.628



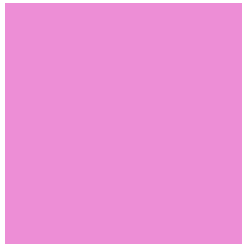
41, 74.239, 340.809



8, 32.614, 338.550

Previews

White Background



This preview shows how the CIELCh color 71, 50.756, 334.839 looks on a white background.

Color Contrast Check

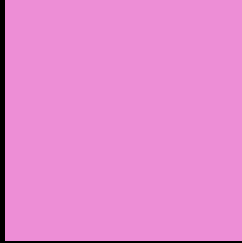
Large Text (above 18pt) WCAG AA × Fail

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, 50.756, 334.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

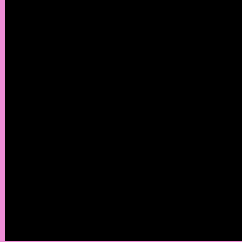
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 50.756, 334.839

Background



This preview shows how black text looks on a background with the CIELCh color 71, 50.756, 334.839.

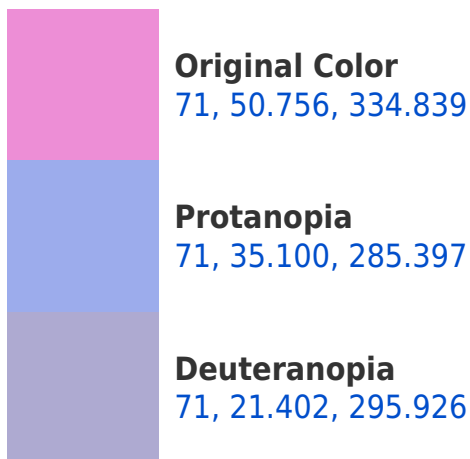


This preview shows how white text looks on a background with the CIELCh color 71, 50.756, 334.839.

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, 31.749, 10.909

Trichromacy



Original Color
71, 50.756, 334.839



Protanomaly
70, 37.701, 305.763



Deuteranomaly
71, 30.871, 317.567



Tritanomaly
71, 36.757, 353.413

Monochromacy



Original Color
71, 50.756, 334.839



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 18.952, 332.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 50.756, 334.839 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(237, 142, 214)` looks like.

```
.text, #text, p{  
    color:rgb(237, 142, 214)  
}
```

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(237, 142, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 142, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 50.756, 334.839 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(237, 142, 214) }
```

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

```
.border{ border-color:rgb(237, 142, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 142, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 142, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 142, 214);  
box-shadow:4px 4px 4px 4px rgb(237, 142,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 50.756, 334.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 142, 214) }
```

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

```
.background{ background-color: rgb(237,  
142, 214) }
```

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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