

Converting Colors

CIELCh(70, 34.660, 2.138)

Have a look what the booklet for
CIELCh(70, 34.660, 2.138) contains.

CIELCh(70, 34.660, 2.138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 34.660, 2.138)

Conversions

Conversions Part 1

Format	Color
Hex	E793AA
RGB	231, 147, 170
RGB Percent	91%, 58%, 67%
CMY	0.0942, 0.4236, 0.3334
CMYK	0.00, 0.36, 0.26, 0.09
HSL	344°, 64%, 74%
HSV	344°, 36%, 91%
XYZ	50.6338, 40.7494, 43.2185
YIQ	174.7380, 42.6810, 24.9610

Conversions

Conversions Part 2

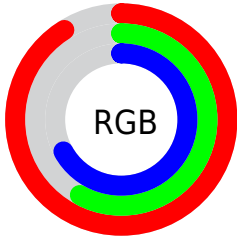
Format	Color
R _Y B	231, 147, 170
Decimal	15176618
CIE Lab	70.00, 34.64, 1.29
CIE LCh	70, 34.660, 2.138
Yxy	40.7494, 0.3762, 0.3027
Android (android.graphics.Color)	4293366698 (0xFFE793AA)
YUV	174.7380, -2.3358, 49.3418
Hunter-Lab	63.8353, 29.8735, 4.5435

Details

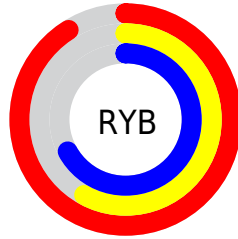
The CIELCh color $70, 34.660, 2.138$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $86, 30.723, 174.125$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 22.681, 349.338$, and $50, 34.752, 2.309$ is the 20% darker color. If you saturate the color by 10%, you get $65, 44.532, 3.935$, and if you desaturate by 10%, it is $76, 24.764, 0.664$.

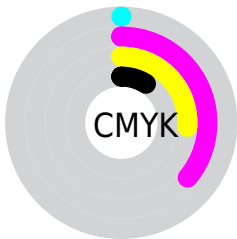
Distribution



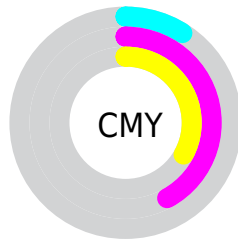
- Red (91%)
- Green (58%)
- Blue (67%)



- Red (91%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (36%)
- Yellow (26%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 34.660, 2.138 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 70, 34.660, 2.138 by changing the saturation by 10% instead.

 70, 34.660, 2.138

 70, 34.660, 2.138

 100, 34.660, 2.138

 60, 34.660, 2.138

 90, 34.660, 2.138

 50, 34.660, 2.138

 40, 34.660, 2.138

 30, 34.660, 2.138

 20, 34.660, 2.138

 10, 34.660, 2.138

 0, 34.660, 2.138

 70, 34.660, 2.138

 70, 34.660, 2.138

 65, 44.532, 3.935

 76, 24.764, 0.664

■ 60, 54.050, 6.162

■ 82, 15.080,
359.418

■ 56, 62.788, 8.974

■ 88, 5.739, 358.307

■ 53, 70.329, 12.542

■ 94, 3.195, 177.657

■ 50, 76.440, 17.005

■ 98, 8.243, 194.893

■ 49, 81.257, 22.347

■ 98, 8.195, 198.968

■ 49, 82.937, 24.338

Harmonies

Complementary

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



70, 34.660, 2.138



86, 30.723, 174.125

Rectangle

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



70, 34.660, 2.138



70, 34.660, 52.138



70, 34.660, 182.138



70, 34.660, 232.138

Sweetspot

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



70, 34.657, 2.141



93, 10.861, 358.823



69, 50.147, 317.822



48, 7.319, 358.973



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 34.657, 2.141



72, 45.748, 3.522



74, 29.123, 40.962



45, 5.130, 358.647



37, 67.934, 23.283



7, 26.642, 9.917

Inverse Universe

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



70, 34.657, 2.141



72, 45.748, 3.522



82, 22.523, 223.708



45, 5.130, 358.647



37, 67.934, 23.283



7, 26.642, 9.917

Previews

White Background



This preview shows how the CIELCh color 70, 34.660, 2.138 looks on a white background.

Color Contrast Check

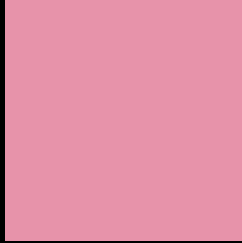
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 70, 34.660, 2.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

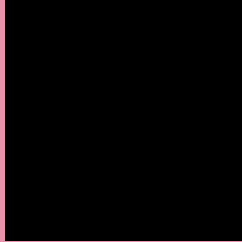
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 34.660, 2.138

Background



This preview shows how black text looks on a background with the CIELCh color 70, 34.660, 2.138.



This preview shows how white text looks on a background with the CIELCh color 70, 34.660, 2.138.

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

70, 34.660, 2.138

Protanopia

70, 7.688, 293.664

Deuteranopia

70, 9.295, 16.835



Tritanopia
70, 32.625, 12.301

Trichromacy



Original Color
70, 34.660, 2.138

Protanomaly
70, 14.955, 342.418

Deuteranomaly
70, 18.518, 5.887

Tritanomaly
70, 33.246, 7.861

Monochromacy



Original Color
70, 34.660, 2.138

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 12.290, 359.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 34.660, 2.138 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(231, 147, 170)` looks like.

```
.text, #text, p{  
    color:rgb(231, 147, 170)  
}
```

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(231, 147, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 147, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 34.660, 2.138 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(231, 147, 170) }
```

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

```
.border{ border-color:rgb(231, 147, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 147, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 147, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 147, 170);  
box-shadow:4px 4px 4px 4px rgb(231, 147,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 34.660, 2.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 147, 170) }
```

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

```
.background{ background-color: rgb(231,  
147, 170) }
```

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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