

Converting Colors

CIELCh(71, 34.112, 2.683)

Have a look what the booklet for
CIELCh(71, 34.112, 2.683) contains.

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Color

CIELCh(71, 34.078, 2.659)

Conversions

Conversions Part 1

Format	Color
Hex	E996AC
RGB	233, 150, 172
RGB Percent	91%, 59%, 67%
CMY	0.0857, 0.4112, 0.3250
CMYK	0.00, 0.36, 0.26, 0.09
HSL	344°, 66%, 75%
HSV	344°, 36%, 91%
XYZ	52.0391, 42.1875, 44.4979
YIQ	177.3250, 42.4060, 24.4380

Conversions

Conversions Part 2

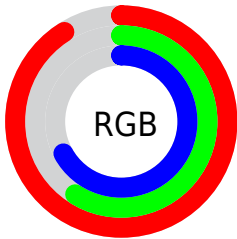
Format	Color
R_{YB}	233, 150, 172
Decimal	15308460
CIE _{Lab}	71.00, 34.04, 1.58
CIE _{LCh}	71, 34.078, 2.659
Yxy	42.1875, 0.3751, 0.3041
Android (android.graphics.Color)	4293498540 (0xFFE996AC)
YUV	177.3250, -2.6252, 48.8270
Hunter-Lab	64.9519, 29.3474, 4.8474

Details

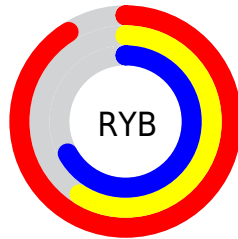
The CIELCh color $71, 34.078, 2.659$ is a light color, and the websafe version is hex `FF9999`. A complement of this color would be $87, 30.171, 174.856$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 21.445, 348.846$, and $51, 34.147, 2.782$ is the 20% darker color. If you saturate the color by 10%, you get $66, 44.043, 4.441$, and if you desaturate by 10%, it is $77, 24.125, 1.198$.

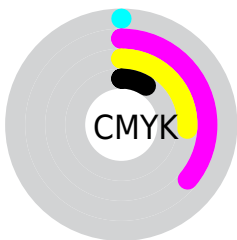
Distribution



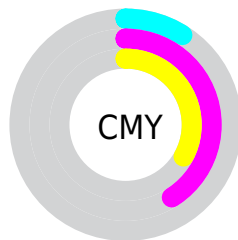
- Red (91%)
- Green (59%)
- Blue (67%)



- Red (91%)
- Yellow (59%)
- Blue (67%)



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



- Cyan (9%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 34.078, 2.659 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, 34.078, 2.659 by changing the saturation by 10% instead.

 71, 34.078, 2.659

 71, 34.078, 2.659

 100, 34.078, 2.659

 61, 34.078, 2.659

 91, 34.078, 2.659

 51, 34.078, 2.659

 41, 34.078, 2.659

 31, 34.078, 2.659

 21, 34.078, 2.659

 11, 34.078, 2.659

 1, 34.078, 2.659

 0, 34.078, 2.659

 71, 34.078, 2.659

 71, 34.078, 2.659

66, 44.043, 4.441

77, 24.125, 1.198

61, 53.701, 6.651

83, 14.413,
359.961

57, 62.632, 9.439

89, 5.062, 358.848

53, 70.413, 12.977

95, 3.868, 178.194

51, 76.793, 17.405

98, 7.472, 199.021

50, 81.874, 22.710

49, 83.969, 25.130

Harmonies

Complementary

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



71, 34.078, 2.659



87, 30.171, 174.856

Rectangle

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



71, 34.078, 2.659



71, 34.078, 52.659



71, 34.078, 182.659



71, 34.078, 232.659

Sweetspot

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



71, 34.075, 2.662



93, 10.818, 359.452



71, 49.625, 318.314



48, 7.291, 359.602



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, 34.075, 2.662



73, 44.595, 3.981



75, 28.391, 42.612



46, 5.203, 359.278



38, 69.011, 24.109



7, 27.816, 11.305

Inverse Universe

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



71, 34.075, 2.662



73, 44.595, 3.981



82, 22.187, 225.954



46, 5.203, 359.278



38, 69.011, 24.109



7, 27.816, 11.305

Previews

White Background



This preview shows how the CIELCh color 71, 34.078, 2.659 looks on a white background.

Color Contrast Check

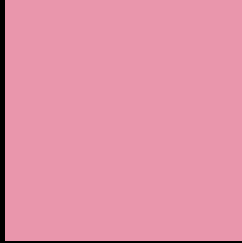
Large Text (above 18pt) WCAG AA × Fail

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, 34.078, 2.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

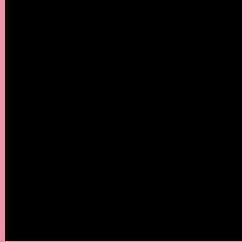
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 34.078, 2.659

Background



This preview shows how black text looks on a background with the CIELCh color 71, 34.078, 2.659.



This preview shows how white text looks on a background with the CIELCh color 71, 34.078, 2.659.

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

71, 34.078, 2.659

Protanopia

71, 7.118, 293.816

Deuteranopia

71, 9.665, 16.999



Tritanopia
71, 32.117, 12.056

Trichromacy



Original Color
71, 34.078, 2.659

Protanomaly
71, 14.593, 344.101

Deuteranomaly
71, 18.359, 7.500

Tritanomaly
71, 32.695, 8.494

Monochromacy



Original Color
71, 34.078, 2.659

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 12.262, 359.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 34.078, 2.659 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(233, 150, 172)` looks like.

```
.text, #text, p{  
    color:rgb(233, 150, 172)  
}
```

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(233, 150, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 150, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 34.078, 2.659 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(233, 150, 172) }
```

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

```
.border{ border-color:rgb(233, 150, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 150, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 150, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 150, 172); box-shadow:4px 4px 4px 4px rgb(233, 150, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 34.078, 2.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 150, 172) }
```

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

```
.background{ background-color: rgb(233,  
150, 172) }
```

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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