

Converting Colors

CIELCh(78, 36.087, 333.882)

Have a look what the booklet for
CIELCh(78, 36.087, 333.882)
contains.

CIELCh(78, 36.093, 333.808)	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(78, 36.093, 333.808)

Conversions

Conversions Part 1

Format	Color
Hex	EFACDF
RGB	239, 172, 223
RGB Percent	94%, 67%, 87%
CMY	0.0625, 0.3253, 0.1253
CMYK	0.00, 0.28, 0.07, 0.06
HSL	314°, 68%, 81%
HSV	314°, 28%, 94%
XYZ	63.7000, 53.2120, 76.7588
YIQ	197.8470, 23.5610, 30.0650

Conversions

Conversions Part 2

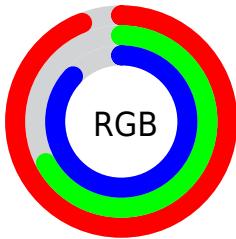
Format	Color
RYB	239, 172, 223
Decimal	15707359
CIELab	78.00, 32.39, -15.93
CIElCh	78, 36.093, 333.808
Yxy	53.2120, 0.3289, 0.2748
Android (android.graphics.Color)	4293897439 (0xFFEFACDF)
YUV	197.8470, 12.4004, 36.0912
Hunter-Lab	72.9466, 28.2172, -11.3259

Details

The CIELCh color **78, 36.093, 333.808** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89, 35.864, 149.760**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 16.877, 325.009**, and **58, 36.040, 333.595** is the 20% darker color. If you saturate the color by 10%, you get **73, 48.701, 334.551**, and if you desaturate by 10%, it is **84, 23.183, 333.098**.

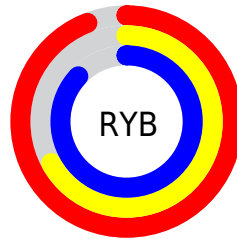
Distribution



Red (94%)

Green (67%)

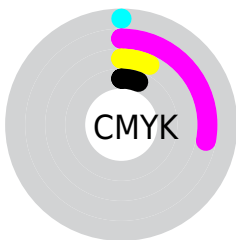
Blue (87%)



Red (94%)

Yellow (67%)

Blue (87%)

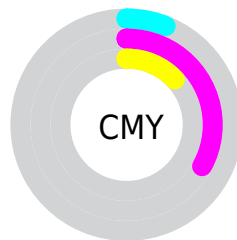


Cyan (0%)

Magenta (28%)

Yellow (7%)

Black (6%)



Cyan (6%)


Magenta (33%)

Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 36.093, 333.808 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 78, 36.093, 333.808 by changing the saturation by 10% instead.

 78, 36.093,
333.808

 78, 36.093,
333.808


 100, 36.093,
333.808


 68, 36.093,
333.808


 98, 36.093,
333.808

 58, 36.093,
333.808

 48, 36.093,
333.808

 38, 36.093,
333.808

 28, 36.093,
333.808

 18, 36.093,
333.808

 8, 36.093, 333.808

0, 36.093, 333.808

78, 36.093,
333.808

78, 36.093,
333.808

73, 48.701,
334.551

84, 23.183,
333.098

68, 60.613,
335.332

90, 10.263,
332.406

63, 71.305,
336.163

96, 2.486, 151.949

60, 80.174,
337.067

99, 7.294, 159.568

99, 5.808, 181.772

57, 86.642,
338.074

99, 5.485, 199.179

55, 90.327,
339.233

■ 54, 91.314,
340.591

■ 54, 91.363,
340.874

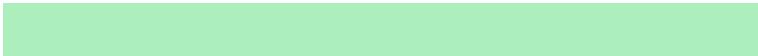
Harmonies

Complementary

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



78, 36.093, 333.808



89, 35.864, 149.760

Rectangle

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



78, 36.093, 333.808



78, 36.093, 23.808



78, 36.093, 153.808



78, 36.093, 203.808

Sweetspot

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



78, 36.090, 333.809



95, 10.778, 332.407



74, 36.835, 301.437



50, 7.668, 332.512



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 36.090, 333.809



79, 46.026, 334.256



77, 27.083, 1.413



47, 7.288, 332.507



41, 75.175, 340.610



9, 33.615, 338.498

Inverse Universe

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



78, 36.090, 333.809



79, 46.026, 334.256



90, 24.657, 175.578



47, 7.288, 332.507



41, 75.175, 340.610



9, 33.615, 338.498

Previews

White Background



This preview shows how the CIELCh color 78, 36.093, 333.808 looks on a white background.

Color Contrast Check

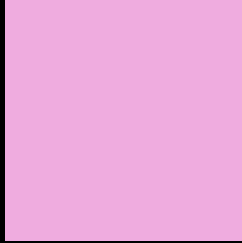
Large Text (above 18pt) WCAG AA × Fail

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 78, 36.093, 333.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

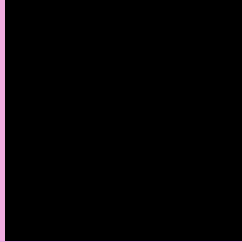
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 36.093, 333.808

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.093, 333.808.



This preview shows how white text looks on a background with the CIELCh color 78, 36.093, 333.808.

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

78, 36.093, 333.808

Protanopia

78, 24.187, 286.098

Deuteranopia

78, 17.657, 304.262



Tritanopia
78, 22.795, 2.430

Trichromacy



Original Color
78, 36.093, 333.808

Protanomaly
78, 26.173, 306.747

Deuteranomaly
78, 23.866, 320.209

Tritanomaly
78, 26.411, 348.876

Monochromacy



Original Color
78, 36.093, 333.808

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 13.043, 333.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.093, 333.808 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(239, 172, 223)` looks like.

```
.text, #text, p{  
    color:rgb(239, 172, 223)  
}
```

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(239, 172, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 172, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.093, 333.808 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(239, 172, 223) }
```

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

```
.border{ border-color:rgb(239, 172, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 172, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 172, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 172, 223);  
box-shadow:4px 4px 4px 4px rgb(239, 172,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.093, 333.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 172, 223) }
```

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

```
.background{ background-color: rgb(239,  
172, 223) }
```

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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