

Converting Colors

CIELCh(73, 30.969, 345.466)

Have a look what the booklet for
CIELCh(73, 30.969, 345.466)
contains.

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Color

CIELCh(73, 30.805, 345.978)

Conversions

Conversions Part 1

Format	Color
Hex	E3A0C2
RGB	227, 160, 194
RGB Percent	89%, 63%, 76%
CMY	0.1113, 0.3739, 0.2407
CMYK	0.00, 0.30, 0.15, 0.11
HSL	330°, 54%, 76%
HSV	330°, 30%, 89%
XYZ	53.7625, 45.1644, 56.7070
YIQ	183.9090, 29.0180, 24.7780

Conversions

Conversions Part 2

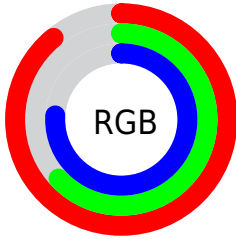
Format	Color
R _Y B	227, 160, 194
Decimal	14917826
CIE Lab	73.00, 29.89, -7.46
CIE LCh	73, 30.805, 345.978
Yxy	45.1644, 0.3454, 0.2902
Android (android.graphics.Color)	4293107906 (0xFFE3A0C2)
YUV	183.9090, 4.9749, 37.7908
Hunter-Lab	67.2044, 25.1894, -2.9857

Details

The CIELCh color $73, 30.805, 345.978$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 29.737, 160.513$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 23.003, 328.964$, and $53, 30.563, 346.713$ is the 20% darker color. If you saturate the color by 10%, you get $68, 41.201, 347.157$, and if you desaturate by 10%, it is $79, 20.257, 344.942$.

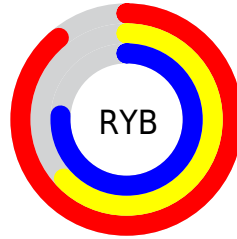
Distribution



Red (89%)

Green (63%)

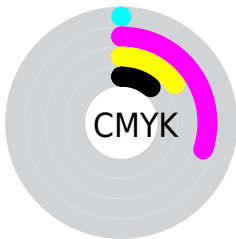
Blue (76%)



Red (89%)

Yellow (63%)

Blue (76%)

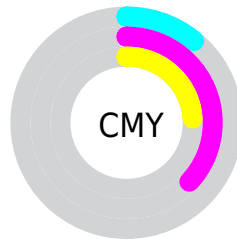


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 30.805, 345.978 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 73, 30.805, 345.978 by changing the saturation by 10% instead.


 73, 30.805,
345.978


 73, 30.805,
345.978


 100, 30.805,
345.978


 63, 30.805,
345.978


 93, 30.805,
345.978

 53, 30.805,
345.978

 43, 30.805,
345.978

 33, 30.805,
345.978

 23, 30.805,
345.978

 13, 30.805,
345.978

 3, 30.805, 345.978

0, 30.805, 345.978

73, 30.805,
345.978

73, 30.805,
345.978

68, 41.201,
347.157

79, 20.257,
344.942

63, 51.111,
348.524

84, 9.794, 344.000

58, 60.071,
350.155

90, 0.445, 164.210

96, 10.383,
162.501

55, 67.543,
352.152

98, 10.192,
182.618

52, 73.018,
354.653

98, 9.640, 198.865

50, 76.214,
357.820

■ 49, 77.479, 1.723

■ 49, 77.528, 1.905

Harmonies

Complementary

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



73, 30.805, 345.978



85, 29.737, 160.513

Rectangle

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



73, 30.805, 345.978



73, 30.805, 35.978



73, 30.805, 165.978



73, 30.805, 215.978

Sweetspot

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



73, 30.802, 345.980



94, 10.149, 343.955



71, 38.370, 309.958



49, 7.064, 344.090



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 30.802, 345.980



78, 40.170, 346.628



72, 26.754, 20.600



44, 5.775, 343.990



38, 64.261, 1.125



6, 26.508, 354.173

Inverse Universe

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



73, 30.802, 345.980



78, 40.170, 346.628



86, 21.987, 196.391



44, 5.775, 343.990



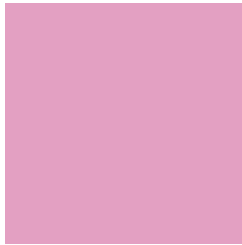
38, 64.261, 1.125



6, 26.508, 354.173

Previews

White Background



This preview shows how the CIELCh color 73, 30.805, 345.978 looks on a white background.

Color Contrast Check

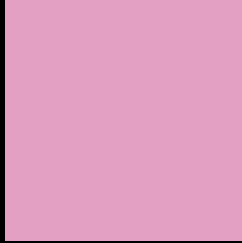
Large Text (above 18pt) WCAG AA × Fail

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 73, 30.805, 345.978 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 73, 30.805, 345.978

Background



This preview shows how black text looks on a background with the CIELCh color 73, 30.805, 345.978.



This preview shows how white text looks on a background with the CIELCh color 73, 30.805, 345.978.

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

73, 30.805, 345.978

Protanopia

73, 14.682, 287.497

Deuteranopia

73, 11.419, 326.466



Tritanopia
73, 24.436, 6.460

Trichromacy



Original Color
73, 30.805, 345.978

Protanomaly
73, 18.384, 318.439

Deuteranomaly
73, 18.291, 338.156

Tritanomaly
73, 26.250, 357.792

Monochromacy



Original Color
73, 30.805, 345.978

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 11.417, 342.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 30.805, 345.978 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(227, 160, 194)` looks like.

```
.text, #text, p{  
    color:rgb(227, 160, 194)  
}
```

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(227, 160, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 160, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 30.805, 345.978 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(227, 160, 194) }
```

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

```
.border{ border-color:rgb(227, 160, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 160, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 160, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 160, 194);  
box-shadow:4px 4px 4px 4px rgb(227, 160,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 30.805, 345.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 160, 194) }
```

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

```
.background{ background-color: rgb(227,  
160, 194) }
```

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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