

Converting Colors

CIELCh(78, 22.671, 345.606)

Have a look what the booklet for
CIELCh(78, 22.671, 345.606)
contains.

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Color

CIELCh(78, 22.748, 345.587)

Conversions

Conversions Part 1

Format	Color
Hex	E5B3CC
RGB	229, 179, 204
RGB Percent	90%, 70%, 80%
CMY	0.1023, 0.2983, 0.2003
CMYK	0.00, 0.22, 0.11, 0.10
HSL	330°, 49%, 80%
HSV	330°, 22%, 90%
XYZ	59.2838, 53.2120, 64.2261
YIQ	196.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

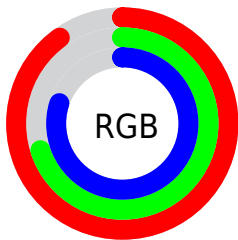
Format	Color
R _Y B	229, 179, 204
Decimal	15053772
CIE Lab	78.00, 22.03, -5.66
CIE LCh	78, 22.748, 345.587
Yxy	53.2120, 0.3355, 0.3011
Android (android.graphics.Color)	4293243852 (0xFFE5B3CC)
YUV	196.8000, 3.5496, 28.2394
Hunter-Lab	72.9466, 17.4107, -1.1395

Details

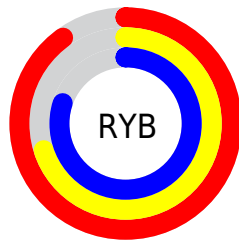
The CIELCh color $78, 22.748, 345.587$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $87, 22.131, 161.716$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 12.482, 324.851$, and $58, 22.753, 345.494$ is the 20% darker color. If you saturate the color by 10%, you get $72, 33.327, 346.667$, and if you desaturate by 10%, it is $84, 12.209, 344.621$.

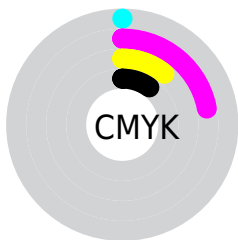
Distribution



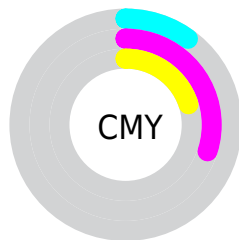
- Red (90%)
- Green (70%)
- Blue (80%)



- Red (90%)
- Yellow (70%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 22.748, 345.587 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, 22.748, 345.587 by changing the saturation by 10% instead.


 78, 22.748,
345.587

 78, 22.748,
345.587


 100, 22.748,
345.587


 68, 22.748,
345.587


 98, 22.748,
345.587

 58, 22.748,
345.587

 48, 22.748,
345.587

 38, 22.748,
345.587

 28, 22.748,
345.587

 18, 22.748,
345.587

 8, 22.748, 345.587

0, 22.748, 345.587

78, 22.748,
345.587

78, 22.748,
345.587

72, 33.327,
346.667

84, 12.209,
344.621

67, 43.699,
347.899

90, 1.876, 343.563

62, 53.492,
349.343

96, 8.163, 163.080

98, 9.405, 182.184

58, 62.217,
351.078

98, 8.878, 198.919

55, 69.327,
353.220

52, 74.346,
355.917

■ 50, 77.081,
359.334

■ 49, 78.030, 2.659

Harmonies

Complementary

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



78, 22.748, 345.587



87, 22.131, 161.716

Rectangle

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



78, 22.748, 345.587



78, 22.748, 35.587



78, 22.748, 165.587



78, 22.748, 215.587

Sweetspot

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



78, 22.745, 345.589



95, 7.834, 344.175



76, 28.388, 310.101



50, 5.094, 344.232



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, 22.745, 345.589



83, 29.642, 346.038



77, 19.407, 21.020



45, 5.853, 344.400



38, 64.859, 1.884



7, 27.612, 354.934

Inverse Universe

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



78, 22.745, 345.589



83, 29.642, 346.038



88, 16.784, 198.301



45, 5.853, 344.400



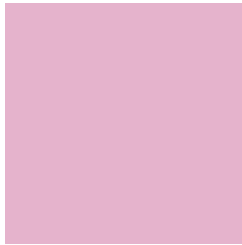
38, 64.859, 1.884



7, 27.612, 354.934

Previews

White Background



This preview shows how the CIELCh color 78, 22.748, 345.587 looks on a white background.

Color Contrast Check

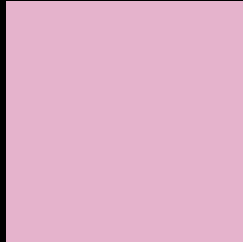
Large Text (above 18pt) WCAG AA × Fail

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, 22.748, 345.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

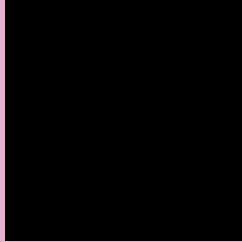
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 22.748, 345.587

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.748, 345.587.



This preview shows how white text looks on a background with the CIELCh color 78, 22.748, 345.587.

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
78, 19.149, 358.216

Trichromacy



Original Color
78, 22.748, 345.587

Protanomaly
78, 13.524, 319.807

Deuteranomaly
78, 15.575, 340.053

Tritanomaly
78, 20.308, 353.057

Monochromacy



Original Color
78, 22.748, 345.587

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 8.835, 342.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.748, 345.587 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(229, 179, 204)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 204)  
}
```

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(229, 179, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.748, 345.587 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(229, 179, 204) }
```

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

```
.border{ border-color:rgb(229, 179, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 204);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.748, 345.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 204) }
```

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

```
.background{ background-color: rgb(229,  
179, 204) }
```

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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