

Converting Colors

CIELCh(78, 23.254, 345.626)

Have a look what the booklet for
CIELCh(78, 23.254, 345.626)
contains.

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Color

CIELCh(78, 23.049, 346.175)

Conversions

Conversions Part 1

Format	Color
Hex	E6B3CC
RGB	230, 179, 204
RGB Percent	90%, 70%, 80%
CMY	0.0994, 0.2993, 0.2013
CMYK	0.00, 0.22, 0.11, 0.10
HSL	331°, 50%, 80%
HSV	331°, 22%, 90%
XYZ	59.4293, 53.2120, 64.0488
YIQ	197.0990, 22.3710, 18.5870

Conversions

Conversions Part 2

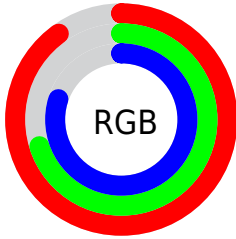
Format	Color
R_{YB}	230, 179, 204
Decimal	15119308
CIE _{Lab}	78.00, 22.38, -5.51
CIE _{LCh}	78, 23.049, 346.175
Yxy	53.2120, 0.3363, 0.3012
Android (android.graphics.Color)	4293309388 (0xFFE6B3CC)
YUV	197.0990, 3.4022, 28.8542
Hunter-Lab	72.9466, 17.7668, -0.9954

Details

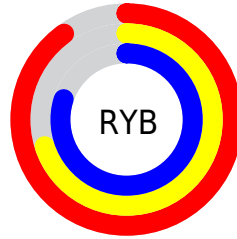
The CIELCh color **78, 23.049, 346.175** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 22.384, 162.196**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 12.482, 324.851**, and **58, 23.066, 346.138** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.600, 347.275**, and if you desaturate by 10%, it is **84, 12.538, 345.194**.

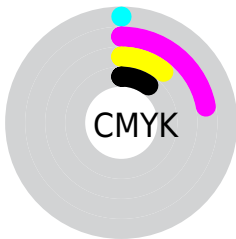
Distribution



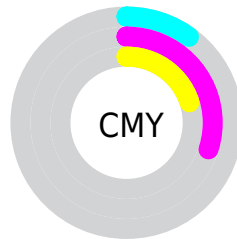
- Red (90%)
- Green (70%)
- Blue (80%)



- 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, 23.049, 346.175 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, 23.049, 346.175 by changing the saturation by 10% instead.


 78, 23.049,
346.175


 78, 23.049,
346.175

 100, 23.049,
346.175


 68, 23.049,
346.175


 98, 23.049,
346.175


 58, 23.049,
346.175

 48, 23.049,
346.175

 38, 23.049,
346.175

 28, 23.049,
346.175

 18, 23.049,
346.175

 8, 23.049, 346.175

0, 23.049, 346.175

78, 23.049,
346.175

78, 23.049,
346.175

72, 33.600,
347.275

84, 12.538,
345.194

67, 43.944,
348.535

90, 2.235, 344.160

62, 53.702,
350.016

96, 7.772, 163.635

98, 9.047, 184.133

58, 62.388,
351.804

98, 8.639, 198.936

55, 69.455,
354.017

52, 74.435,
356.809

■ 50, 77.157, 0.348

■ 49, 78.122, 3.617

Harmonies

Complementary

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



78, 23.049, 346.175



87, 22.384, 162.196

Rectangle

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



78, 23.049, 346.175



78, 23.049, 36.175



78, 23.049, 166.175



78, 23.049, 216.175

Sweetspot

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



78, 23.046, 346.177



95, 7.783, 344.709



76, 28.945, 310.121



50, 5.061, 344.767



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, 23.046, 346.177



83, 30.616, 346.704



77, 19.807, 21.056



45, 5.815, 344.937



38, 64.766, 2.814



7, 27.518, 355.679

Inverse Universe

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



78, 23.046, 346.177



83, 30.616, 346.704



88, 17.084, 198.283



45, 5.815, 344.937



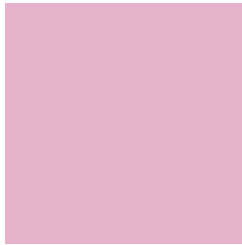
38, 64.766, 2.814



7, 27.518, 355.679

Previews

White Background



This preview shows how the CIELCh color 78, 23.049, 346.175 looks on a white background.

Color Contrast Check

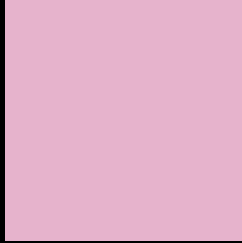
Large Text (above 18pt) WCAG AA × Fail

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, 23.049, 346.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

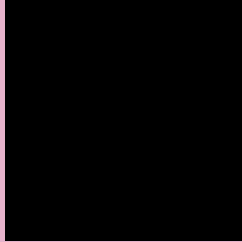
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 23.049, 346.175

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.049, 346.175.

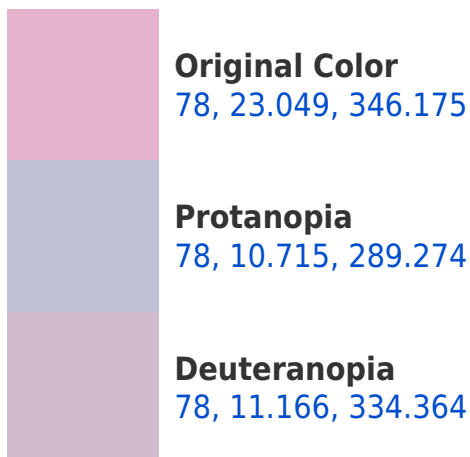



This preview shows how white text looks on a background with the CIELCh color 78, 23.049, 346.175.

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, 19.520, 358.706

Trichromacy



Original Color
78, 23.049, 346.175

Protanomaly
78, 13.524, 319.807

Deuteranomaly
78, 15.575, 340.053

Tritanomaly
78, 20.642, 353.597

Monochromacy



Original Color
78, 23.049, 346.175

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 8.529, 345.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.049, 346.175 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(230, 179, 204)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 179, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 179, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.049, 346.175 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(230, 179, 204) }
```

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

```
.border{ border-color:rgb(230, 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(230, 179, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 179, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 179, 204);  
box-shadow:4px 4px 4px 4px rgb(230, 179,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.049, 346.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 179, 204) }
```

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

```
.background{ background-color: rgb(230,  
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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