

Converting Colors

CIELCh(78, 21.851, 10.134)

Have a look what the booklet for
CIELCh(78, 21.851, 10.134) contains.

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Color

CIELCh(78, 21.828, 10.122)

Conversions

Conversions Part 1

Format	Color
Hex	EBB3BB
RGB	235, 179, 187
RGB Percent	92%, 70%, 73%
CMY	0.0803, 0.2998, 0.2684
CMYK	0.00, 0.24, 0.20, 0.08
HSL	351°, 58%, 81%
HSV	351°, 24%, 92%
XYZ	59.0577, 53.2120, 53.9212
YIQ	196.6560, 30.8080, 14.3600

Conversions

Conversions Part 2

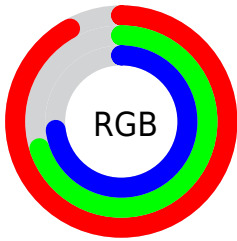
Format	Color
R _Y B	235, 179, 187
Decimal	15446971
CIE Lab	78.00, 21.49, 3.84
CIE LCh	78, 21.828, 10.122
Yxy	53.2120, 0.3554, 0.3202
Android (android.graphics.Color)	4293637051 (0xFFEBB3BB)
YUV	196.6560, -4.7604, 33.6277
Hunter-Lab	72.9466, 16.8574, 7.2361

Details

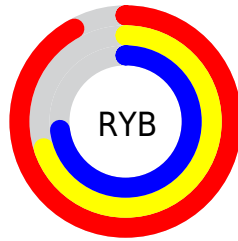
The CIELCh color **78, 21.828, 10.122** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 19.440, 185.690**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 8.239, 350.064**, and **58, 21.660, 9.936** is the 20% darker color. If you saturate the color by 10%, you get **72, 31.784, 11.552**, and if you desaturate by 10%, it is **84, 12.319, 8.950**.

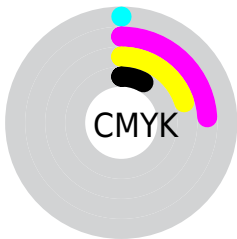
Distribution



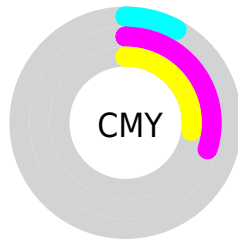
- Red (92%)
- Green (70%)
- Blue (73%)



- Red (92%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (30%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 21.828, 10.122 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, 21.828, 10.122 by changing the saturation by 10% instead.

 78, 21.828, 10.122

 78, 21.828, 10.122

 100, 21.828,
10.122

 68, 21.828, 10.122

 98, 21.828, 10.122

 58, 21.828, 10.122

 48, 21.828, 10.122

 38, 21.828, 10.122

 28, 21.828, 10.122

 18, 21.828, 10.122

 8, 21.828, 10.122

 0, 21.828, 10.122

 78, 21.828, 10.122

 78, 21.828, 10.122

72, 31.784, 11.552

84, 12.319, 8.950

67, 42.044, 13.324

90, 3.333, 7.859

62, 52.357, 15.561

97, 5.119, 187.341

57, 62.379, 18.405

99, 7.009, 199.056

54, 71.737, 21.992

51, 80.139, 26.361

50, 87.421, 31.289

49, 91.368, 34.196

Harmonies

Complementary

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



78, 21.828, 10.122



89, 19.440, 185.690

Rectangle

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



78, 21.828, 10.122



78, 21.828, 60.122



78, 21.828, 190.122



78, 21.828, 240.122

Sweetspot

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



78, 21.826, 10.127



95, 6.521, 8.226



79, 34.239, 321.388



50, 4.245, 8.291



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, 21.826, 10.127



81, 28.788, 10.841



83, 17.662, 55.754



46, 4.983, 8.483



38, 74.573, 33.324



7, 28.031, 16.846

Inverse Universe

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



78, 21.826, 10.127



81, 28.788, 10.841



84, 15.593, 240.491



46, 4.983, 8.483



38, 74.573, 33.324



7, 28.031, 16.846

Previews

White Background



This preview shows how the CIELCh color 78, 21.828, 10.122 looks on a white background.

Color Contrast Check

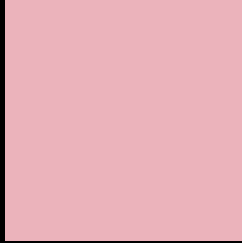
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 21.828, 10.122 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, 21.828, 10.122

Background



This preview shows how black text looks on a background with the CIELCh color 78, 21.828, 10.122.

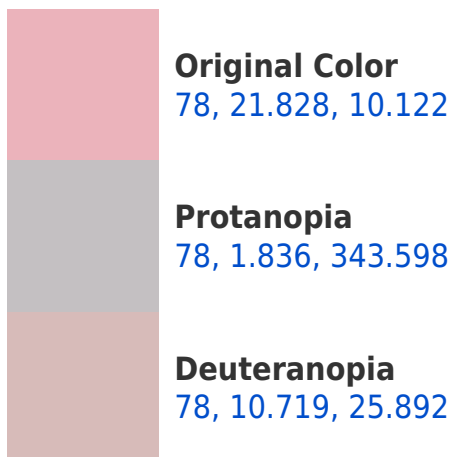



This preview shows how white text looks on a background with the CIELCh color 78, 21.828, 10.122.

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](#).

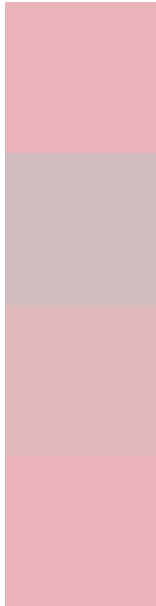
Dichromacy





Tritanopia
78, 22.670, 3.722

Trichromacy



Original Color
78, 21.828, 10.122

Protanomaly
78, 8.891, 6.220

Deuteranomaly
78, 14.539, 16.403

Tritanomaly
78, 22.457, 6.348

Monochromacy



Original Color
78, 21.828, 10.122

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 7.649, 7.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 21.828, 10.122 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(235, 179, 187)` looks like.

```
.text, #text, p{  
    color:rgb(235, 179, 187)  
}
```

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(235, 179, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 179, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 21.828, 10.122 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(235, 179, 187) }
```

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

```
.border{ border-color:rgb(235, 179, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 179, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 179, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 179, 187);  
box-shadow:4px 4px 4px 4px rgb(235, 179,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 21.828, 10.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 179, 187) }
```

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

```
.background{ background-color: rgb(235,  
179, 187) }
```

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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