

Converting Colors

CIELCh(78, 21.111, 20.608)

Have a look what the booklet for
CIELCh(78, 21.111, 20.608) contains.

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Color

CIELCh(78, 20.980, 21.148)

Conversions

Conversions Part 1

Format	Color
Hex	EAB4B4
RGB	234, 180, 180
RGB Percent	92%, 71%, 71%
CMY	0.0838, 0.2955, 0.2955
CMYK	0.00, 0.23, 0.23, 0.08
HSL	0°, 56%, 81%
HSV	0°, 23%, 92%
XYZ	58.2634, 53.2120, 50.1943
YIQ	196.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

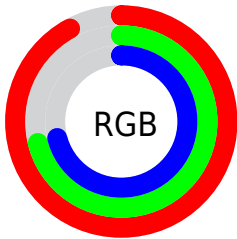
Format	Color
RYB	234, 180, 180
Decimal	15381684
CIELab	78.00, 19.57, 7.57
CIElCh	78, 20.980, 21.148
Yxy	53.2120, 0.3604, 0.3291
Android (android.graphics.Color)	4293571764 (0xFFEAB4B4)
YUV	196.1460, -7.9600, 33.1980
Hunter-Lab	72.9466, 14.9140, 10.2653

Details

The CIELCh color **78, 20.980, 21.148** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 17.972, 198.242**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 6.829, 19.778**, and **58, 20.836, 21.660** is the 20% darker color. If you saturate the color by 10%, you get **72, 31.211, 22.333**, and if you desaturate by 10%, it is **84, 11.439, 20.234**.

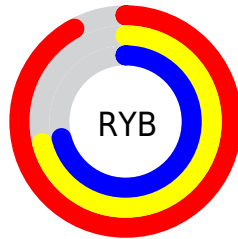
Distribution



Red (92%)

Green (71%)

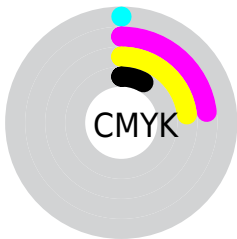
Blue (71%)



Red (92%)

Yellow (71%)

Blue (71%)

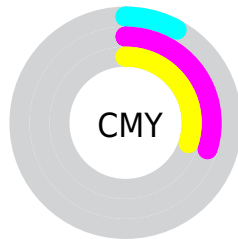


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (8%)



Cyan (8%)

Magenta (30%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 20.980, 21.148 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, 20.980, 21.148 by changing the saturation by 10% instead.

78, 20.980, 21.148

78, 20.980, 21.148

100, 20.980,
21.148

68, 20.980, 21.148

98, 20.980, 21.148

58, 20.980, 21.148

48, 20.980, 21.148

38, 20.980, 21.148

28, 20.980, 21.148

18, 20.980, 21.148

8, 20.980, 21.148

0, 20.980, 21.148

78, 20.980, 21.148

78, 20.980, 21.148

72, 31.211, 22.333

84, 11.439, 20.234

66, 42.059, 23.872

91, 2.605, 19.359

61, 53.341, 25.882

97, 5.560, 199.168

57, 64.765, 28.470

98, 7.310, 199.033

53, 75.920, 31.667

51, 86.178, 35.258

49, 94.219, 38.463

49, 97.875, 40.000

Harmonies

Complementary

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



78, 20.980, 21.148



89, 17.972, 198.242

Rectangle

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



78, 20.980, 21.148



78, 20.980, 71.148



78, 20.980, 201.148



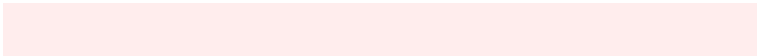
78, 20.980, 251.148

Sweetspot

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



78, 20.978, 21.154



95, 6.404, 19.744



80, 34.419, 325.702



50, 4.171, 19.794



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, 20.978, 21.154



81, 27.824, 21.709



85, 17.690, 72.536



46, 4.905, 19.940



38, 80.847, 39.986



7, 28.534, 22.717

Inverse Universe

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



89, 17.972, 198.242



96, 22.960, 198.006



82, 16.622, 258.857



48, 4.619, 198.971



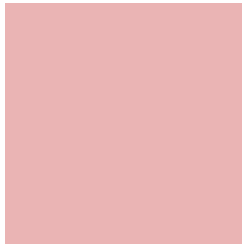
67, 38.750, 196.393



19, 16.594, 196.392

Previews

White Background



This preview shows how the CIELCh color 78, 20.980, 21.148 looks on a white background.

Color Contrast Check

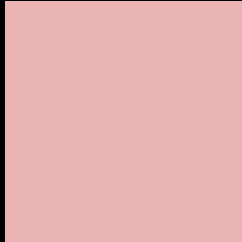
Large Text (above 18pt) WCAG AA × Fail

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, 20.980, 21.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

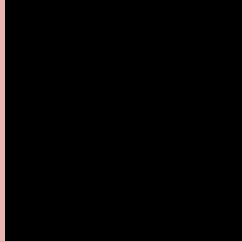
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 20.980, 21.148

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.980, 21.148.

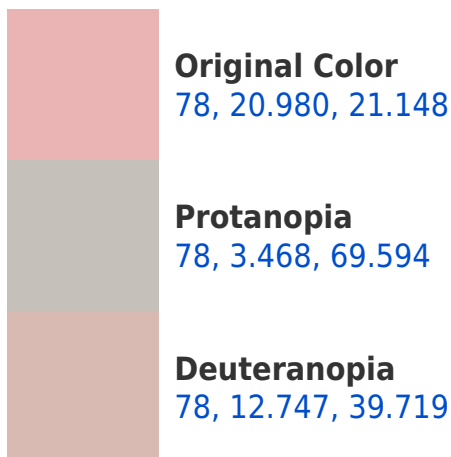



This preview shows how white text looks on a background with the CIELCh color 78, 20.980, 21.148.

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](#).

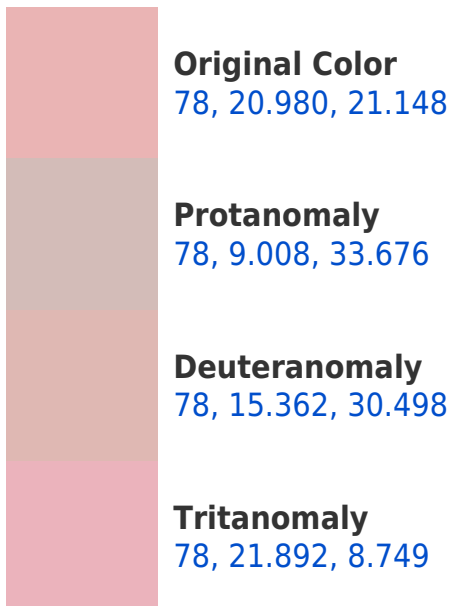
Dichromacy



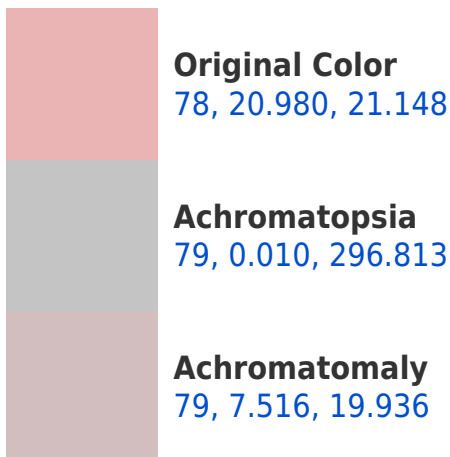


Tritanopia
78, 22.795, 2.430

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.980, 21.148 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(234, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 180)  
}
```

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(234, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.980, 21.148 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(234, 180, 180) }
```

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

```
.border{ border-color:rgb(234, 180, 180) }
```

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

Here you see how a box with a 4 pixel rgb(234, 180, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.980, 21.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 180, 180) }
```

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

```
.background{ background-color: rgb(234,  
180, 180) }
```

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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