

Converting Colors

CIELCh(78, 13.880, 12.619)

Have a look what the booklet for
CIELCh(78, 13.880, 12.619) contains.

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Color

CIELCh(78, 13.828, 11.700)

Conversions

Conversions Part 1

Format	Color
Hex	DCB8BC
RGB	220, 184, 188
RGB Percent	86%, 72%, 74%
CMY	0.1367, 0.2779, 0.2622
CMYK	0.00, 0.16, 0.15, 0.14
HSL	353°, 34%, 79%
HSV	353°, 16%, 86%
XYZ	55.8185, 53.2120, 54.9832
YIQ	195.2200, 20.1720, 8.8760

Conversions

Conversions Part 2

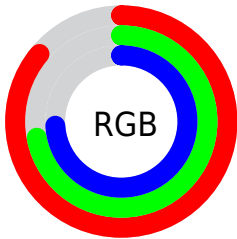
Format	Color
RYP	220, 184, 188
Decimal	14465212
CIELab	78.00, 13.54, 2.80
CIElCh	78, 13.828, 11.700
Yxy	53.2120, 0.3403, 0.3244
Android (android.graphics.Color)	4292655292 (0xFFDCB8BC)
YUV	195.2200, -3.5595, 21.7321
Hunter-Lab	72.9466, 8.9312, 6.3730

Details

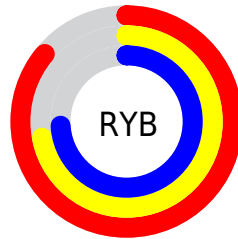
The CIELCh color $78, 13.828, 11.700$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85, 12.718, 189.004$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 5.723, 358.764$, and $58, 13.956, 11.621$ is the 20% darker color. If you saturate the color by 10%, you get $72, 22.973, 12.900$, and if you desaturate by 10%, it is $84, 5.202, 10.676$.

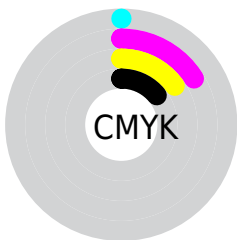
Distribution



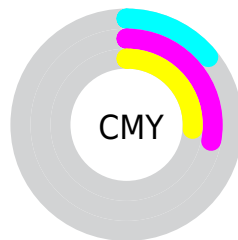
- Red (86%)
- Green (72%)
- Blue (74%)



- Red (86%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (14%)



- Cyan (14%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 13.828, 11.700 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, 13.828, 11.700 by changing the saturation by 10% instead.

78, 13.828, 11.700

78, 13.828, 11.700

100, 13.828,
11.700

68, 13.828, 11.700

98, 13.828, 11.700

58, 13.828, 11.700

48, 13.828, 11.700

38, 13.828, 11.700

28, 13.828, 11.700

18, 13.828, 11.700

8, 13.828, 11.700

0, 13.828, 11.700

78, 13.828, 11.700

78, 13.828, 11.700

72, 22.973, 12.900

84, 5.202, 10.676

67, 32.574, 14.367

90, 2.885, 190.183

61, 42.481, 16.212

96, 10.454,
189.360

57, 52.450, 18.558

98, 11.757,
198.721

53, 62.156, 21.541

50, 71.254, 25.261

48, 79.458, 29.665

46, 86.447, 34.329

46, 88.704, 35.803

Harmonies

Complementary

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



78, 13.828, 11.700



85, 12.718, 189.004

Rectangle

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



78, 13.828, 11.700



78, 13.828, 61.700



78, 13.828, 191.700



78, 13.828, 241.700

Sweetspot

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



78, 13.826, 11.707



97, 4.594, 10.533



79, 22.414, 322.014



51, 3.141, 10.611



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, 13.826, 11.707



87, 19.279, 12.135



81, 11.222, 60.255



43, 4.680, 10.990



36, 73.584, 35.040



5, 23.726, 15.474

Inverse Universe

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



78, 13.826, 11.707



87, 19.279, 12.135



82, 10.427, 243.788



43, 4.680, 10.990



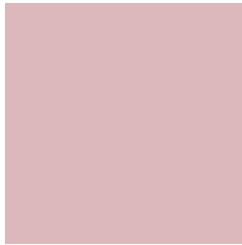
36, 73.584, 35.040



5, 23.726, 15.474

Previews

White Background



This preview shows how the CIELCh color 78, 13.828, 11.700 looks on a white background.

Color Contrast Check

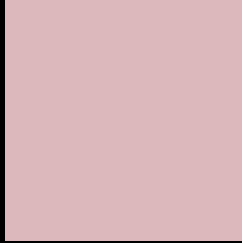
Large Text (above 18pt) WCAG AA × Fail

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, 13.828, 11.700 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, 13.828, 11.700

Background



This preview shows how black text looks on a background with the CIELCh color 78, 13.828, 11.700.

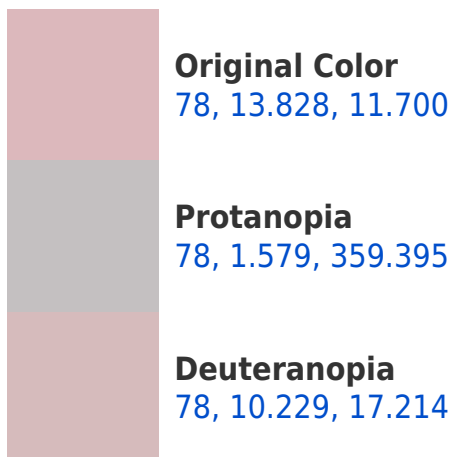


This preview shows how white text looks on a background with the CIELCh color 78, 13.828, 11.700.

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](#).

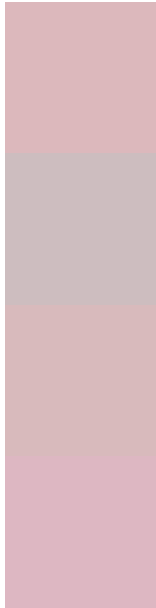
Dichromacy





Tritanopia
78, 16.026, 353.044

Trichromacy



Original Color
78, 13.828, 11.700

Protanomaly
78, 6.077, 9.710

Deuteranomaly
78, 11.413, 14.964

Tritanomaly
78, 15.416, 358.397

Monochromacy



Original Color
78, 13.828, 11.700

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 4.958, 7.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 13.828, 11.700 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(220, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 184, 188)  
}
```

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(220, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 184, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 13.828, 11.700 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(220, 184, 188) }
```

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

```
.border{ border-color:rgb(220, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 184, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 184, 188); box-shadow:4px 4px 4px 4px rgb(220, 184, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 13.828, 11.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 184, 188) }
```

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

```
.background{ background-color: rgb(220,  
184, 188) }
```

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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