

Converting Colors

CIELCh(78, 12.401, 1.101)

Have a look what the booklet for
CIELCh(78, 12.401, 1.101) contains.

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Color

CIELCh(78, 12.389, 0.311)

Conversions

Conversions Part 1

Format	Color
Hex	D8B9C1
RGB	216, 185, 193
RGB Percent	85%, 73%, 76%
CMY	0.1525, 0.2741, 0.2427
CMYK	0.00, 0.14, 0.11, 0.15
HSL	345°, 28%, 79%
HSV	345°, 14%, 85%
XYZ	55.3591, 53.2120, 57.8667
YIQ	195.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

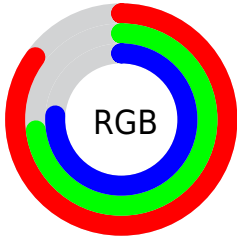
Format	Color
R _Y B	216, 185, 193
Decimal	14203329
CIE Lab	78.00, 12.39, 0.07
CIE LCh	78, 12.389, 0.311
Yxy	53.2120, 0.3326, 0.3197
Android (android.graphics.Color)	4292393409 (0xFFD8B9C1)
YUV	195.1810, -1.0752, 18.2583
Hunter-Lab	72.9466, 7.8070, 4.0293

Details

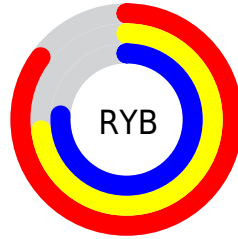
The CIELCh color $78, 12.389, 0.311$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84, 11.812, 177.648$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 6.445, 340.348$, and $58, 12.417, 359.411$ is the 20% darker color. If you saturate the color by 10%, you get $72, 21.462, 1.526$, and if you desaturate by 10%, it is $84, 3.668, 359.199$.

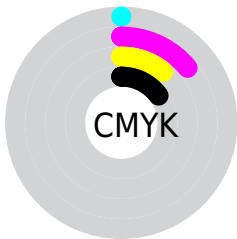
Distribution



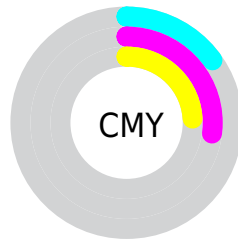
- Red (85%)
- Green (73%)
- Blue (76%)



- Red (85%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 12.389, 0.311 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, 12.389, 0.311 by changing the saturation by 10% instead.

 78, 12.389, 0.311  78, 12.389, 0.311

 100, 12.389, 0.311  68, 12.389, 0.311

 98, 12.389, 0.311  58, 12.389, 0.311

 48, 12.389, 0.311

 38, 12.389, 0.311

 28, 12.389, 0.311

 18, 12.389, 0.311

 8, 12.389, 0.311

 0, 12.389, 0.311

 78, 12.389, 0.311  78, 12.389, 0.311

72, 21.462, 1.526

84, 3.668, 359.199

67, 30.789, 2.952

90, 4.648, 178.568

62, 40.180, 4.680

96, 12.553,
177.717

57, 49.347, 6.820

97, 13.057,
198.634

53, 57.913, 9.514

50, 65.482, 12.930

47, 71.784, 17.212

46, 76.852, 22.372

45, 79.481, 25.448

Harmonies

Complementary

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



78, 12.389, 0.311



84, 11.812, 177.648

Rectangle

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



78, 12.389, 0.311



78, 12.389, 50.311



78, 12.389, 180.311



78, 12.389, 230.311

Sweetspot

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



78, 12.387, 0.317



97, 3.860, 359.159



78, 18.571, 317.380



51, 2.748, 359.255



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, 12.387, 0.317



89, 16.892, 0.640



80, 9.848, 42.883



42, 4.812, 359.774



36, 66.252, 24.439



5, 22.162, 8.284

Inverse Universe

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



78, 12.387, 0.317



89, 16.892, 0.640



82, 9.009, 224.167



42, 4.812, 359.774



36, 66.252, 24.439



5, 22.162, 8.284

Previews

White Background



This preview shows how the CIELCh color 78, 12.389, 0.311 looks on a white background.

Color Contrast Check

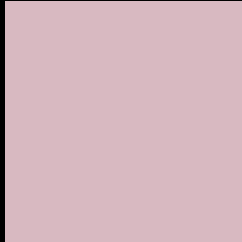
Large Text (above 18pt) WCAG AA × Fail

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, 12.389, 0.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

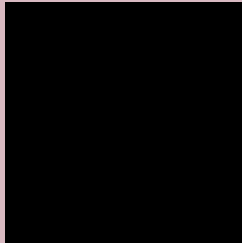
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 12.389, 0.311

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.389, 0.311.



This preview shows how white text looks on a background with the CIELCh color 78, 12.389, 0.311.

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



Original Color

78, 12.389, 0.311

Protanopia

78, 2.914, 312.536

Deuteranopia

78, 9.894, 1.340



Tritanopia
78, 14.643, 347.513

Trichromacy



Original Color
78, 12.389, 0.311

Protanomaly
78, 6.413, 344.155

Deuteranomaly
78, 10.784, 0.036

Tritanomaly
78, 14.122, 351.194

Monochromacy



Original Color
78, 12.389, 0.311

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 4.743, 359.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.389, 0.311 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(216, 185, 193)` looks like.

```
.text, #text, p{  
    color:rgb(216, 185, 193)  
}
```

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(216, 185, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 185, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.389, 0.311 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(216, 185, 193) }
```

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

```
.border{ border-color:rgb(216, 185, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 185, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 185, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 185, 193);  
box-shadow:4px 4px 4px 4px rgb(216, 185,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.389, 0.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 185, 193) }
```

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

```
.background{ background-color: rgb(216,  
185, 193) }
```

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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