

Converting Colors

CIELCh(78, 16.166, 30.073)

Have a look what the booklet for
CIELCh(78, 16.166, 30.073) contains.

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Color

CIELCh(78, 16.166, 30.073)

Conversions

Conversions Part 1

Format	Color
Hex	E0B7B2
RGB	224, 183, 178
RGB Percent	88%, 72%, 70%
CMY	0.1197, 0.2805, 0.3002
CMYK	0.00, 0.18, 0.21, 0.12
HSL	7°, 43%, 79%
HSV	7°, 21%, 88%
XYZ	55.9983, 53.2120, 49.6778
YIQ	194.6890, 26.0410, 7.1370

Conversions

Conversions Part 2

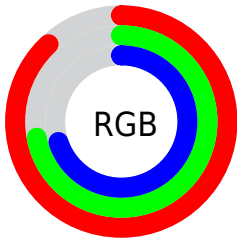
Format	Color
RYB	224, 184, 178
Decimal	14727090
CIELab	78.00, 13.99, 8.10
CIELCh	78, 16.166, 30.073
Yxy	53.2120, 0.3524, 0.3349
Android (android.graphics.Color)	4292917170 (0xFFE0B7B2)
YUV	194.6890, -8.2277, 25.7057
Hunter-Lab	72.9466, 9.3712, 10.6851

Details

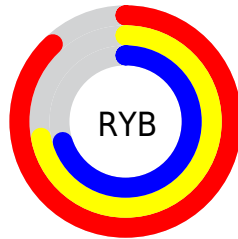
The CIELCh color **78, 16.166, 30.073** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 14.048, 209.371**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.297, 43.570**, and **58, 16.152, 31.002** is the 20% darker color. If you saturate the color by 10%, you get **73, 25.068, 30.656**, and if you desaturate by 10%, it is **83, 7.942, 29.668**.

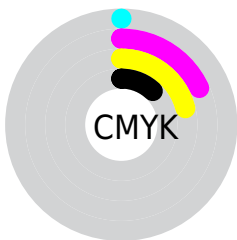
Distribution



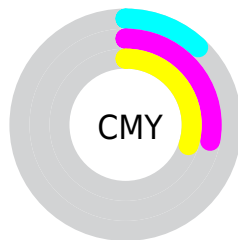
- Red (88%)
- Green (72%)
- Blue (70%)



- Red (88%)
- Yellow (72%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 16.166, 30.073 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, 16.166, 30.073 by changing the saturation by 10% instead.

78, 16.166, 30.073

78, 16.166, 30.073

100, 16.166,
30.073

68, 16.166, 30.073

98, 16.166, 30.073

58, 16.166, 30.073

48, 16.166, 30.073

38, 16.166, 30.073

28, 16.166, 30.073

18, 16.166, 30.073

8, 16.166, 30.073

0, 16.166, 30.073

78, 16.166, 30.073

78, 16.166, 30.073

73, 25.068, 30.656

83, 7.942, 29.668

68, 34.659, 31.466

89, 0.365, 27.849

63, 44.889, 32.578

95, 6.624, 209.475

58, 55.628, 34.052

98, 10.343,
198.817

55, 66.622, 35.906

52, 77.380, 38.025

49, 86.845, 39.962

48, 93.264, 41.139

Harmonies

Complementary

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



78, 16.166, 30.073



85, 14.048, 209.371

Rectangle

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



78, 16.166, 30.073



78, 16.166, 80.073



78, 16.166, 210.073



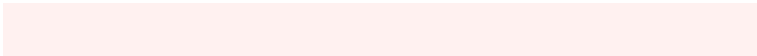
78, 16.166, 260.073

Sweetspot

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



78, 16.164, 30.082



96, 4.939, 29.490



78, 27.622, 328.457



51, 3.285, 29.519



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, 16.164, 30.082



85, 22.287, 30.325



84, 16.191, 82.753



44, 4.274, 29.628



37, 77.450, 41.374



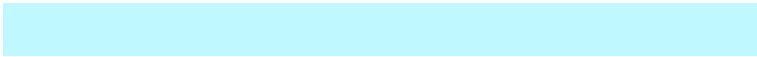
7, 23.703, 26.664

Inverse Universe

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



85, 14.048, 209.371



94, 18.689, 209.387



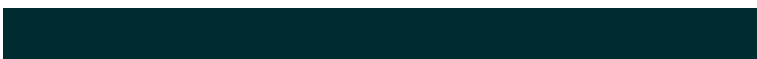
79, 15.833, 268.446



46, 4.020, 209.460



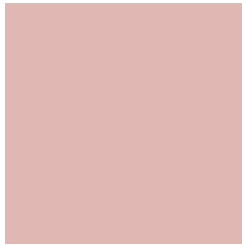
59, 33.588, 215.898



15, 13.983, 212.356

Previews

White Background



This preview shows how the CIELCh color 78, 16.166, 30.073 looks on a white background.

Color Contrast Check

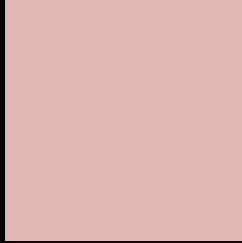
Large Text (above 18pt) WCAG AA × Fail

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, 16.166, 30.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

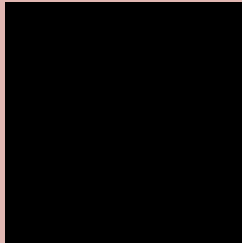
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 16.166, 30.073

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.166, 30.073.



This preview shows how white text looks on a background with the CIELCh color 78, 16.166, 30.073.

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, 16.166, 30.073

Protanopia

78, 5.463, 80.806

Deuteranopia

78, 12.747, 39.719



Tritanopia
78, 18.449, 357.208

Trichromacy



Original Color
78, 16.166, 30.073

Protanomaly
78, 8.416, 50.228

Deuteranomaly
78, 14.091, 35.685

Tritanomaly
78, 16.739, 7.997

Monochromacy



Original Color
78, 16.166, 30.073

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 5.723, 30.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 16.166, 30.073 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(224, 183, 178)` looks like.

```
.text, #text, p{  
    color:rgb(224, 183, 178)  
}
```

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(224, 183, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 183, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.166, 30.073 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(224, 183, 178) }
```

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

```
.border{ border-color:rgb(224, 183, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 183, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 183, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 183, 178);  
box-shadow:4px 4px 4px 4px rgb(224, 183,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.166, 30.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 183, 178) }
```

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

```
.background{ background-color: rgb(224,  
183, 178) }
```

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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