

Converting Colors

CIELCh(78, 18.222, 7.471)

Have a look what the booklet for
CIELCh(78, 18.222, 7.471) contains.

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Color

CIELCh(78, 18.355, 7.611)

Conversions

Conversions Part 1

Format	Color
Hex	E4B5BD
RGB	228, 181, 189
RGB Percent	89%, 71%, 74%
CMY	0.1059, 0.2902, 0.2588
CMYK	0.00, 0.21, 0.17, 0.11
HSL	350°, 47%, 80%
HSV	350°, 21%, 89%
XYZ	57.6999, 53.2120, 55.3705
YIQ	195.9650, 25.4440, 12.4520

Conversions

Conversions Part 2

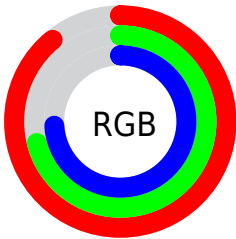
Format	Color
R _Y B	228, 181, 189
Decimal	14988733
CIE Lab	78.00, 18.19, 2.43
CIE LCh	78, 18.355, 7.611
Yxy	53.2120, 0.3470, 0.3200
Android (android.graphics.Color)	4293178813 (0xFFE4B5BD)
YUV	195.9650, -3.4337, 28.0947
Hunter-Lab	72.9466, 13.5351, 6.0582

Details

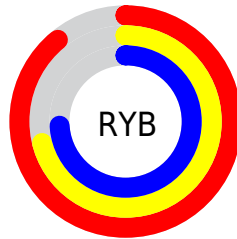
The CIELCh color **78, 18.355, 7.611** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 16.749, 183.761**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 7.616, 347.309**, and **58, 18.367, 7.301** is the 20% darker color. If you saturate the color by 10%, you get **72, 27.944, 8.963**, and if you desaturate by 10%, it is **84, 9.192, 6.479**.

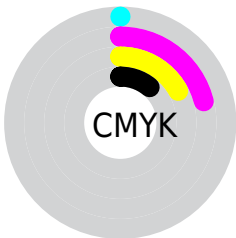
Distribution



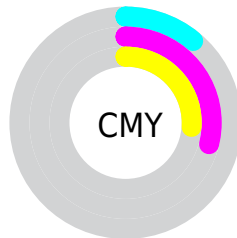
- Red (89%)
- Green (71%)
- Blue (74%)



- Red (89%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 18.355, 7.611 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, 18.355, 7.611 by changing the saturation by 10% instead.

 78, 18.355, 7.611  78, 18.355, 7.611

 100, 18.355, 7.611  68, 18.355, 7.611

 98, 18.355, 7.611  58, 18.355, 7.611

 48, 18.355, 7.611

 38, 18.355, 7.611

 28, 18.355, 7.611

 18, 18.355, 7.611

 8, 18.355, 7.611

 0, 18.355, 7.611

 78, 18.355, 7.611  78, 18.355, 7.611

72, 27.944, 8.963

84, 9.192, 6.479

67, 37.838, 10.613

90, 0.519, 4.507

62, 47.813, 12.676

96, 7.660, 184.887

57, 57.546, 15.287

98, 9.186, 198.897

53, 66.661, 18.597

50, 74.838, 22.716

49, 81.933, 27.590

48, 87.749, 32.367

Harmonies

Complementary

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



78, 18.355, 7.611



87, 16.749, 183.761

Rectangle

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



78, 18.355, 7.611



78, 18.355, 57.611



78, 18.355, 187.611



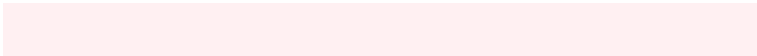
78, 18.355, 237.611

Sweetspot

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



78, 18.353, 7.616



96, 5.618, 5.986



78, 28.612, 320.231



51, 3.733, 6.059



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, 18.353, 7.616



83, 24.663, 8.197



81, 14.774, 52.155



45, 4.930, 6.356



37, 72.428, 31.463



7, 26.699, 14.673

Inverse Universe

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



78, 18.353, 7.616



83, 24.663, 8.197



83, 13.167, 235.619



45, 4.930, 6.356



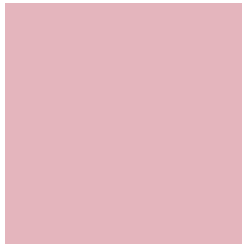
37, 72.428, 31.463



7, 26.699, 14.673

Previews

White Background



This preview shows how the CIELCh color 78, 18.355, 7.611 looks on a white background.

Color Contrast Check

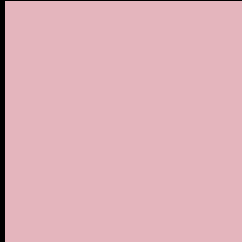
Large Text (above 18pt) WCAG AA × Fail

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, 18.355, 7.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

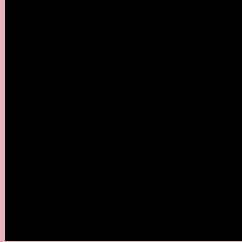
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 18.355, 7.611

Background



This preview shows how black text looks on a background with the CIELCh color 78, 18.355, 7.611.



This preview shows how white text looks on a background with the CIELCh color 78, 18.355, 7.611.

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, 18.355, 7.611

Protanopia

78, 2.196, 332.325

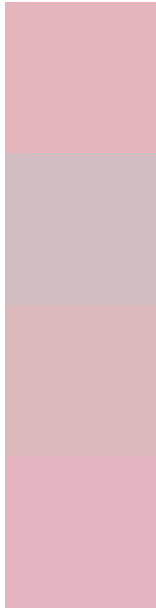
Deuteranopia

78, 10.229, 17.214



Tritanopia
78, 19.874, 359.170

Trichromacy



Original Color
78, 18.355, 7.611

Protanomaly
78, 7.936, 0.370

Deuteranomaly
78, 12.999, 13.416

Tritanomaly
78, 19.570, 2.111

Monochromacy



Original Color
78, 18.355, 7.611

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.437, 10.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 18.355, 7.611 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(228, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(228, 181, 189)  
}
```

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(228, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 181, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 18.355, 7.611 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(228, 181, 189) }
```

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

```
.border{ border-color:rgb(228, 181, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 181, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 181, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 181, 189); box-shadow:4px 4px 4px 4px rgb(228, 181, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 18.355, 7.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 181, 189) }
```

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

```
.background{ background-color: rgb(228,  
181, 189) }
```

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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