

# Converting Colors

CIELCh(78, 16.921, 17.213)

Have a look what the booklet for  
CIELCh(78, 16.921, 17.213) contains.

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# Color

**CIELCh(78, 16.921, 17.213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2B6B8
RGB	226, 182, 184
RGB Percent	89%, 71%, 72%
CMY	0.1129, 0.2855, 0.2776
CMYK	0.00, 0.19, 0.19, 0.11
HSL	357°, 43%, 80%
HSV	357°, 19%, 89%
XYZ	56.8739, 53.2120, 52.7327
YIQ	195.3840, 25.5820, 9.9500

# Conversions

## Conversions Part 2

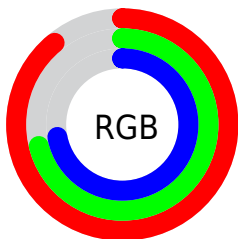
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 182, 184
Decimal	14857912
CIE Lab	78.00, 16.16, 5.01
CIE LCh	78, 16.921, 17.213
Yxy	53.2120, 0.3493, 0.3268
Android (android.graphics.Color)	4293047992 (0xFFE2B6B8)
YUV	195.3840, -5.6123, 26.8502
Hunter-Lab	72.9466, 11.5137, 8.2021

# Details

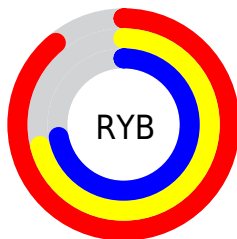
The CIELCh color **78, 16.921, 17.213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 15.050, 194.403**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 6.166, 10.185**, and **58, 16.876, 17.412** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.528, 18.390**, and if you desaturate by 10%, it is **84, 7.927, 16.264**.

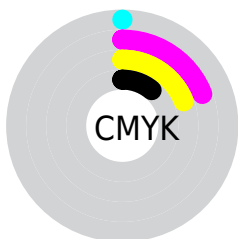
# Distribution



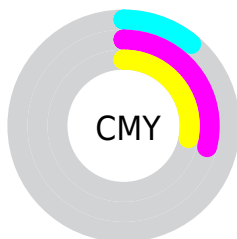
- Red (89%)
- Green (71%)
- Blue (72%)



- Red (89%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 16.921, 17.213 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, 16.921, 17.213 by changing the saturation by 10% instead.



78, 16.921, 17.213

78, 16.921, 17.213

100, 16.921,  
17.213

68, 16.921, 17.213

98, 16.921, 17.213

58, 16.921, 17.213

48, 16.921, 17.213

38, 16.921, 17.213

28, 16.921, 17.213

18, 16.921, 17.213

8, 16.921, 17.213

0, 16.921, 17.213

78, 16.921, 17.213

78, 16.921, 17.213

72, 26.528, 18.390

84, 7.927, 16.264

67, 36.687, 19.877

90, 0.440, 196.965

61, 47.242, 21.789

97, 8.213, 195.080

57, 57.940, 24.249

98, 9.773, 198.856

53, 68.438, 27.359

50, 78.333, 31.105

48, 87.050, 35.153

47, 93.449, 38.471

47, 93.717, 38.587

# Harmonies

# Complementary

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



78, 16.921, 17.213



87, 15.050, 194.403

# Rectangle

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



78, 16.921, 17.213



78, 16.921, 67.213



78, 16.921, 197.213



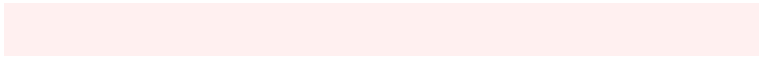
78, 16.921, 247.213

# Sweetspot

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



78, 16.919, 17.220



96, 5.476, 15.952



79, 27.818, 324.094



51, 3.641, 16.014



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, 16.919, 17.220



84, 22.338, 17.622



83, 14.039, 67.557



44, 4.731, 16.263



36, 77.178, 38.096



6, 25.437, 19.034





# Inverse Universe

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



78, 16.919, 17.220



84, 22.338, 17.622



82, 13.120, 252.485



44, 4.731, 16.263



36, 77.178, 38.096



6, 25.437, 19.034



# Previews

## White Background



This preview shows how the CIELCh color 78, 16.921, 17.213 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, 16.921, 17.213 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

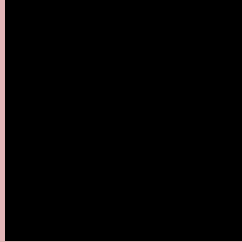
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 78, 16.921, 17.213

## Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.921, 17.213.



This preview shows how white text looks on a background with the CIELCh color 78, 16.921, 17.213.

# 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, 16.921, 17.213

### Protanopia

78, 2.130, 49.342

### Deuteranopia

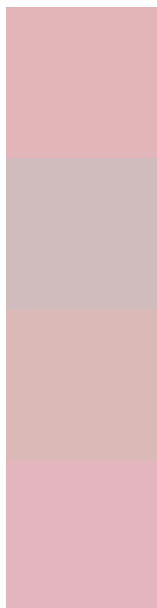
78, 10.922, 31.405



**Tritanopia**  
78, 18.798, 357.721



# Trichromacy



**Original Color**  
78, 16.921, 17.213

**Protanomaly**  
78, 7.532, 19.943

**Deuteranomaly**  
78, 13.082, 25.069

**Tritanomaly**  
78, 18.191, 4.001

# Monochromacy



**Original Color**  
78, 16.921, 17.213

**Achromatopsia**  
79, 0.010, 296.813

**Achromatomaly**  
79, 6.002, 14.714

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 78, 16.921, 17.213 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(226, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 184)  
}
```

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(226, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 184) }
```

## Border

The CSS property to change the border of an element to CIELCh 78, 16.921, 17.213 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(226, 182, 184) }
```

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

```
.border{ border-color:rgb(226, 182, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 182, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 182, 184); box-shadow:4px 4px 4px 4px rgb(226, 182, 184) }
```

# Background

The CSS property to change the background color of an element to CIELCh 78, 16.921, 17.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 184) }
```

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

```
.background{ background-color: rgb(226,  
182, 184) }
```

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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