

Converting Colors

CIELCh(78, 17.618, 4.166)

Have a look what the booklet for
CIELCh(78, 17.618, 4.166) contains.

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Color

CIELCh(78, 17.314, 4.865)

Conversions

Conversions Part 1

Format	Color
Hex	E2B6BF
RGB	226, 182, 191
RGB Percent	89%, 71%, 75%
CMY	0.1149, 0.2873, 0.2521
CMYK	0.00, 0.19, 0.16, 0.11
HSL	348°, 43%, 80%
HSV	348°, 19%, 89%
XYZ	57.3158, 53.2120, 56.3782
YIQ	196.1820, 23.3350, 12.1270

Conversions

Conversions Part 2

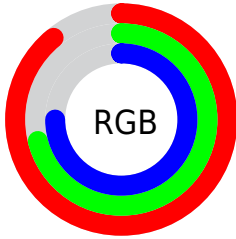
Format	Color
R _Y B	226, 182, 191
Decimal	14857919
CIE Lab	78.00, 17.25, 1.47
CIE LCh	78, 17.314, 4.865
Yxy	53.2120, 0.3434, 0.3188
Android (android.graphics.Color)	4293047999 (0xFFE2B6BF)
YUV	196.1820, -2.5547, 26.1504
Hunter-Lab	72.9466, 12.5951, 5.2391

Details

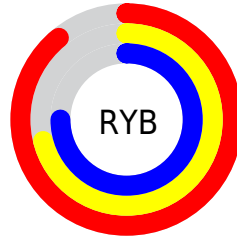
The CIELCh color **78, 17.314, 4.865** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 16.017, 181.154**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 7.610, 342.579**, and **58, 17.256, 4.273** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.798, 6.196**, and if you desaturate by 10%, it is **84, 8.216, 3.735**.

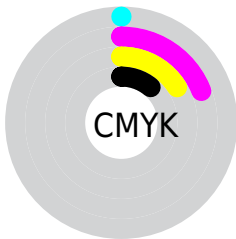
Distribution



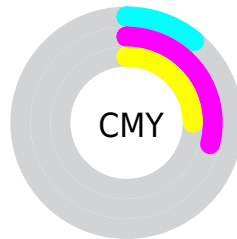
- Red (89%)
- Green (71%)
- Blue (75%)



- Red (89%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 17.314, 4.865 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, 17.314, 4.865 by changing the saturation by 10% instead.

 78, 17.314, 4.865  78, 17.314, 4.865

 100, 17.314, 4.865  68, 17.314, 4.865

 98, 17.314, 4.865  58, 17.314, 4.865

 48, 17.314, 4.865

 38, 17.314, 4.865

 28, 17.314, 4.865

 18, 17.314, 4.865

 8, 17.314, 4.865

 0, 17.314, 4.865

 78, 17.314, 4.865  78, 17.314, 4.865

72, 26.798, 6.196

84, 8.216, 3.735

67, 36.543, 7.803

90, 0.429, 184.165

62, 46.324, 9.794

96, 8.610, 182.120

57, 55.813, 12.301

98, 9.940, 198.844

53, 64.624, 15.481

50, 72.415, 19.475

48, 79.049, 24.310

47, 84.771, 29.629

47, 85.068, 29.886

Harmonies

Complementary

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



78, 17.314, 4.865



87, 16.017, 181.154

Rectangle

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



78, 17.314, 4.865



78, 17.314, 54.865



78, 17.314, 184.865



78, 17.314, 234.865

Sweetspot

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



78, 17.312, 4.870



96, 5.686, 3.356



78, 26.580, 319.162



51, 3.778, 3.430



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, 17.312, 4.870



85, 22.757, 5.330



81, 13.891, 48.390



44, 4.894, 3.730



37, 70.020, 28.899



6, 25.280, 12.280

Inverse Universe

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



78, 17.312, 4.870



85, 22.757, 5.330



83, 12.373, 231.063



44, 4.894, 3.730



37, 70.020, 28.899



6, 25.280, 12.280

Previews

White Background



This preview shows how the CIELCh color 78, 17.314, 4.865 looks on a white background.

Color Contrast Check

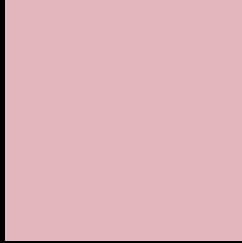
Large Text (above 18pt) WCAG AA × Fail

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, 17.314, 4.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

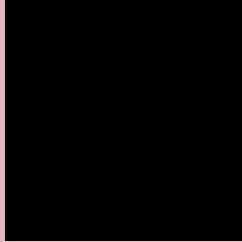
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 17.314, 4.865

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.314, 4.865.



This preview shows how white text looks on a background with the CIELCh color 78, 17.314, 4.865.

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, 17.314, 4.865

Protanopia

78, 2.914, 312.536

Deuteranopia

78, 9.922, 10.922



Tritanopia
78, 18.449, 357.208

Trichromacy



Original Color
78, 17.314, 4.865

Protanomaly
78, 7.678, 350.839

Deuteranomaly
78, 12.745, 8.408

Tritanomaly
78, 18.106, 0.346

Monochromacy



Original Color
78, 17.314, 4.865

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.174, 4.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.314, 4.865 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.314, 4.865 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, 191) }
```

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

```
.border{ border-color:rgb(226, 182, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 182, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 182, 191); box-shadow:4px 4px 4px 4px rgb(226, 182, 191) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.314, 4.865 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, 191) }
```

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

```
.background{ background-color: rgb(226,  
182, 191) }
```

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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