

# Converting Colors

CIELCh(79, 17.699, 34.474)

Have a look what the booklet for  
CIELCh(79, 17.699, 34.474) contains.

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# Color

**CIELCh(79, 17.720, 34.477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6BAB2
RGB	230, 186, 178
RGB Percent	90%, 73%, 70%
CMY	0.0995, 0.2720, 0.3033
CMYK	0.00, 0.19, 0.23, 0.10
HSL	9°, 51%, 80%
HSV	9°, 23%, 90%
XYZ	57.9967, 54.9284, 49.4788
YIQ	198.2440, 28.7920, 6.8400

# Conversions

## Conversions Part 2

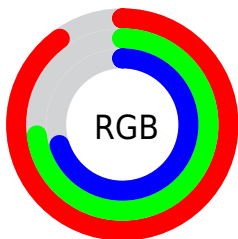
Format	Color
R <sub>Y</sub> B	230, 187, 178
Decimal	15121074
CIE Lab	79.00, 14.61, 10.03
CIE LCh	79, 17.720, 34.477
Yxy	54.9284, 0.3571, 0.3382
Android (android.graphics.Color)	4293311154 (0xFFE6BAB2)
YUV	198.2440, -9.9803, 27.8500
Hunter-Lab	74.1137, 9.9839, 12.2972

# Details

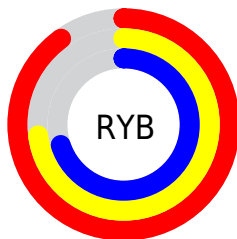
The CIELCh color **79, 17.720, 34.477** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 15.163, 214.657**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.198, 60.694**, and **59, 17.851, 35.546** is the 20% darker color. If you saturate the color by 10%, you get **74, 26.644, 34.852**, and if you desaturate by 10%, it is **84, 9.484, 34.270**.

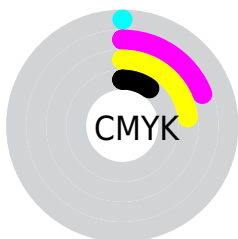
# Distribution



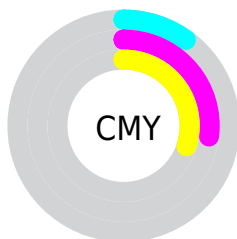
- Red (90%)
- Green (73%)
- Blue (70%)



- Red (90%)
- Yellow (73%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (27%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 17.720, 34.477 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 79, 17.720, 34.477 by changing the saturation by 10% instead.



79, 17.720, 34.477

79, 17.720, 34.477

100, 17.720,  
34.477

69, 17.720, 34.477

99, 17.720, 34.477

59, 17.720, 34.477

49, 17.720, 34.477

39, 17.720, 34.477

29, 17.720, 34.477

19, 17.720, 34.477

9, 17.720, 34.477

0, 17.720, 34.477

79, 17.720, 34.477

79, 17.720, 34.477

74, 26.644, 34.852

84, 9.484, 34.270

69, 36.274, 35.430

90, 1.897, 33.956

64, 46.569, 36.272

95, 5.098, 214.440

60, 57.410, 37.417

98, 8.646, 198.936

56, 68.530, 38.848

53, 79.359, 40.402

51, 88.634, 41.566

49, 93.675, 41.979

# Harmonies

# Complementary

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



79, 17.720, 34.477



86, 15.163, 214.657

# Rectangle

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



79, 17.720, 34.477



79, 17.720, 84.477



79, 17.720, 214.477



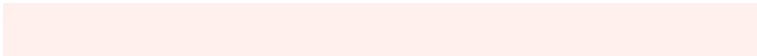
79, 17.720, 264.477

# Sweetspot

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



79, 17.719, 34.485



96, 5.588, 34.171



78, 30.014, 330.212



51, 3.640, 34.184



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 17.719, 34.485



84, 23.453, 34.628



85, 19.051, 86.850



45, 4.205, 34.217



38, 77.227, 42.299



8, 24.349, 30.328



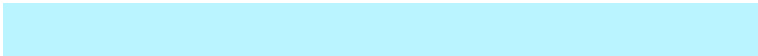


# Inverse Universe

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



86, 15.163, 214.657



93, 19.378, 214.807



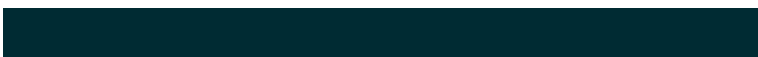
79, 18.866, 273.113



47, 3.957, 214.434



57, 33.334, 225.427



15, 14.079, 220.363



# Previews

## White Background



This preview shows how the CIELCh color 79, 17.720, 34.477 looks on a white background.

## Color Contrast Check

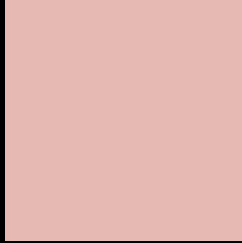
Large Text (above 18pt) WCAG AA × Fail

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 79, 17.720, 34.477 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

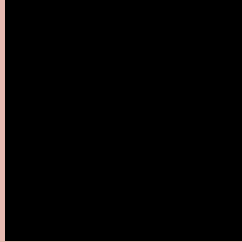
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**CIELCh 79, 17.720, 34.477**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 79, 17.720, 34.477.



This preview shows how white text looks on a background with the CIELCh color 79, 17.720, 34.477.

# 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

79, 17.720, 34.477

### Protanopia

79, 6.896, 87.001

### Deuteranopia

79, 14.376, 46.467



**Tritanopia**  
79, 19.816, 359.138



# Trichromacy



**Original Color**  
79, 17.720, 34.477

**Protanomaly**  
79, 9.645, 57.055

**Deuteranomaly**  
79, 15.606, 42.286

**Tritanomaly**  
79, 18.154, 10.865

# Monochromacy



**Original Color**  
79, 17.720, 34.477

**Achromatopsia**  
80, 0.010, 296.813

**Achromatomaly**  
80, 5.836, 35.558

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 79, 17.720, 34.477 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(230, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 186, 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(230, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 186, 178) }
```

## Border

The CSS property to change the border of an element to CIELCh 79, 17.720, 34.477 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(230, 186, 178) }
```

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

```
.border{ border-color:rgb(230, 186, 178) }
```

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

Here you see how a box with a 4 pixel rgb(230, 186, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 186, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 186, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 186,  
178) }
```

# Background

The CSS property to change the background color of an element to CIELCh 79, 17.720, 34.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 186, 178) }
```

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

```
.background{ background-color: rgb(230,  
186, 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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