

Converting Colors

CIE LCh(78, 17.183, 357.170)

Have a look what the booklet for
CIELCh(78, 17.183, 357.170)
contains.

CIELCh(78, 17.200, 357.180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 17.200, 357.180)

Conversions

Conversions Part 1

Format	Color
Hex	E0B6C3
RGB	224, 182, 195
RGB Percent	88%, 71%, 76%
CMY	0.1218, 0.2865, 0.2355
CMYK	0.00, 0.19, 0.13, 0.12
HSL	341°, 40%, 80%
HSV	341°, 19%, 88%
XYZ	57.2863, 53.2120, 58.8511
YIQ	196.0400, 20.8590, 12.9470

Conversions

Conversions Part 2

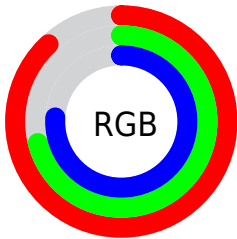
Format	Color
RYB	224, 182, 195
Decimal	14726851
CIELab	78.00, 17.18, -0.85
CIElCh	78, 17.200, 357.180
Yxy	53.2120, 0.3383, 0.3142
Android (android.graphics.Color)	4292916931 (0xFFE0B6C3)
YUV	196.0400, -0.5127, 24.5209
Hunter-Lab	72.9466, 12.5229, 3.2292

Details

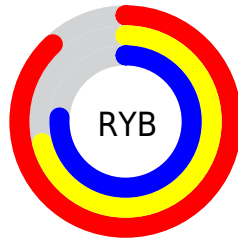
The CIELCh color **78, 17.200, 357.180** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 16.319, 173.550**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.381, 330.090**, and **58, 16.955, 357.793** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.792, 358.451**, and if you desaturate by 10%, it is **84, 7.874, 356.072**.

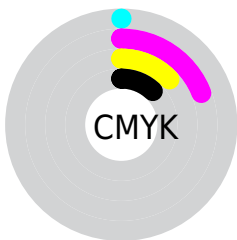
Distribution



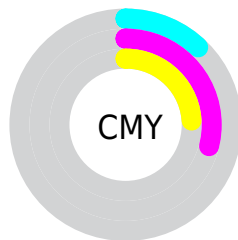
- Red (88%)
- Green (71%)
- Blue (76%)



- Red (88%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (12%)





- Cyan (12%)
- Magenta (29%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 17.200, 357.180 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, 17.200, 357.180 by changing the saturation by 10% instead.

 78, 17.200,
357.180

 78, 17.200,
357.180


 100, 17.200,
357.180


 68, 17.200,
357.180


 98, 17.200,
357.180

 58, 17.200,
357.180

 48, 17.200,
357.180

 38, 17.200,
357.180

 28, 17.200,
357.180

 18, 17.200,
357.180

 8, 17.200, 357.180

0, 17.200, 357.180

78, 17.200,
357.180

78, 17.200,
357.180

72, 26.792,
358.451

84, 7.874, 356.072

67, 36.495,
359.950

90, 1.093, 175.672

96, 9.669, 174.424

62, 46.046, 1.768

98, 10.517,
198.805

57, 55.076, 4.024

54, 63.145, 6.871

51, 69.848, 10.483

49, 75.009, 15.007

■ 47, 78.958, 20.367

■ 47, 79.460, 21.037

Harmonies

Complementary

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



78, 17.200, 357.180



86, 16.319, 173.550

Rectangle

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



78, 17.200, 357.180



78, 17.200, 47.180



78, 17.200, 177.180



78, 17.200, 227.180

Sweetspot

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



78, 17.198, 357.184



96, 5.966, 355.776



78, 24.784, 315.994



51, 3.962, 355.849



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, 17.198, 357.184



85, 23.615, 357.719



80, 13.870, 37.404



44, 5.124, 356.147



37, 66.019, 20.030



6, 25.377, 7.184

Inverse Universe

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



78, 17.198, 357.184



85, 23.615, 357.719



84, 12.244, 218.118



44, 5.124, 356.147



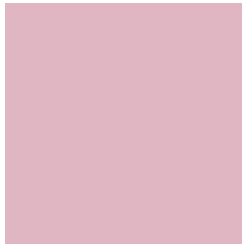
37, 66.019, 20.030



6, 25.377, 7.184

Previews

White Background



This preview shows how the CIELCh color 78, 17.200, 357.180 looks on a white background.

Color Contrast Check

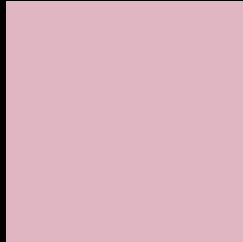
Large Text (above 18pt) WCAG AA × Fail

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, 17.200, 357.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

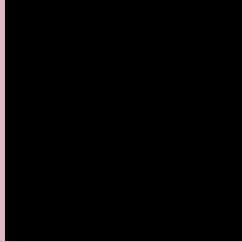
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 17.200, 357.180

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.200, 357.180.



This preview shows how white text looks on a background with the CIELCh color 78, 17.200, 357.180.

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, 17.200, 357.180

Protanopia

78, 4.891, 299.138

Deuteranopia

78, 9.716, 357.586



Tritanopia
78, 17.395, 355.550

Trichromacy



Original Color
78, 17.200, 357.180

Protanomaly
78, 8.626, 337.060

Deuteranomaly
78, 12.564, 358.011

Tritanomaly
78, 17.395, 355.550

Monochromacy



Original Color
78, 17.200, 357.180

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.182, 354.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.200, 357.180 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, 182, 195)` looks like.

```
.text, #text, p{  
    color:rgb(224, 182, 195)  
}
```

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, 182, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 182, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.200, 357.180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

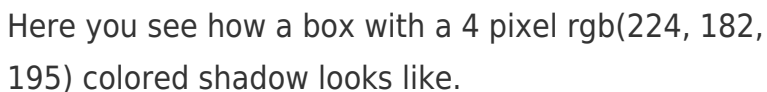
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 182, 195) }
```

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

```
.border{ border-color:rgb(224, 182, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 182, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 182, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 182, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 182,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.200, 357.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 182, 195) }
```

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

```
.background{ background-color: rgb(224,  
182, 195) }
```

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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