

Converting Colors

CIELCh(81, 17.812, 1.885)

Have a look what the booklet for
CIELCh(81, 17.812, 1.885) contains.

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Color

CIELCh(81, 17.797, 1.871)

Conversions

Conversions Part 1

Format	Color
Hex	EBBEC9
RGB	235, 190, 201
RGB Percent	92%, 75%, 79%
CMY	0.0799, 0.2563, 0.2132
CMYK	0.00, 0.19, 0.14, 0.08
HSL	345°, 52%, 83%
HSV	345°, 19%, 92%
XYZ	62.9741, 58.4711, 63.0038
YIQ	204.7090, 23.2890, 12.9610

Conversions

Conversions Part 2

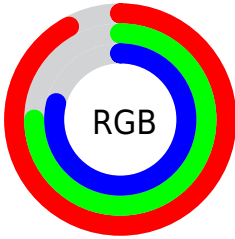
Format	Color
R _Y B	235, 190, 201
Decimal	15449801
CIE Lab	81.00, 17.79, 0.58
CIE LCh	81, 17.797, 1.871
Yxy	58.4711, 0.3414, 0.3170
Android (android.graphics.Color)	4293639881 (0xFFEBBEC9)
YUV	204.7090, -1.8285, 26.5652
Hunter-Lab	76.4664, 13.1880, 4.6750

Details

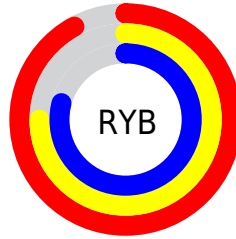
The CIELCh color **81, 17.797, 1.871** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 16.633, 178.150**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.604, 324.582**, and **61, 18.134, 1.601** is the 20% darker color. If you saturate the color by 10%, you get **75, 27.624, 3.193**, and if you desaturate by 10%, it is **87, 8.319, 0.737**.

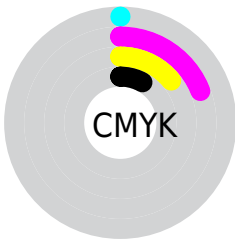
Distribution



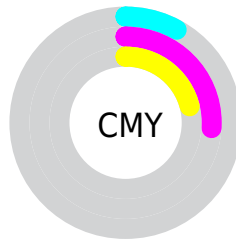
- Red (92%)
- Green (75%)
- Blue (79%)



- Red (92%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (8%)















- Cyan (8%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 17.797, 1.871 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 81, 17.797, 1.871 by changing the saturation by 10% instead.

 81, 17.797, 1.871	 81, 17.797, 1.871
 100, 17.797, 1.871	 71, 17.797, 1.871
	 61, 17.797, 1.871
	 51, 17.797, 1.871
	 41, 17.797, 1.871
	 31, 17.797, 1.871
	 21, 17.797, 1.871
	 11, 17.797, 1.871
	 1, 17.797, 1.871
	 0, 17.797, 1.871

81, 17.797, 1.871

81, 17.797, 1.871

75, 27.624, 3.193

87, 8.319, 0.737

69, 37.659, 4.776

93, 0.729, 180.623

64, 47.649, 6.723

99, 7.027, 194.159

59, 57.239, 9.164

99, 6.976, 199.059

56, 66.004, 12.257

53, 73.570, 16.166

51, 79.797, 20.972

49, 85.008, 26.441

49, 85.448, 26.881

Harmonies

Complementary

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



81, 17.797, 1.871



90, 16.633, 178.150

Rectangle

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



81, 17.797, 1.871



81, 17.797, 51.871



81, 17.797, 181.871



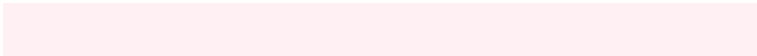
81, 17.797, 231.871

Sweetspot

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



81, 17.795, 1.876



96, 5.780, 0.388



81, 26.753, 318.119



51, 3.840, 0.462



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 17.795, 1.876



85, 23.032, 2.368



83, 14.250, 44.629



46, 5.157, 0.769



38, 69.835, 25.847



7, 27.838, 12.363

Inverse Universe

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



81, 17.795, 1.876



85, 23.032, 2.368



87, 12.636, 226.644



46, 5.157, 0.769



38, 69.835, 25.847



7, 27.838, 12.363

Previews

White Background



This preview shows how the CIELCh color 81, 17.797, 1.871 looks on a white background.

Color Contrast Check

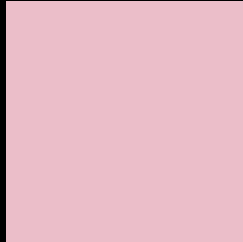
Large Text (above 18pt) WCAG AA × Fail

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 81, 17.797, 1.871 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 81, 17.797, 1.871

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.797, 1.871.

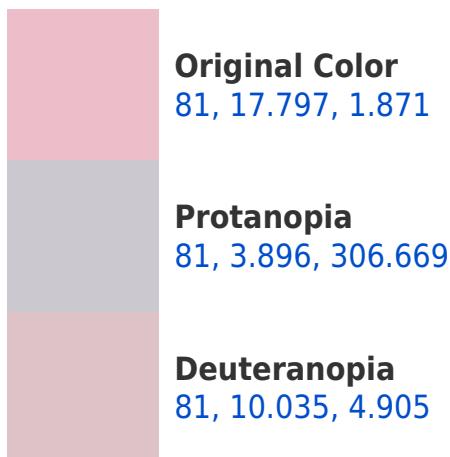


This preview shows how white text looks on a background with the CIELCh color 81, 17.797, 1.871.

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](#).

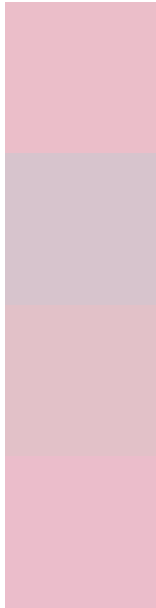
Dichromacy





Tritanopia
81, 18.842, 356.145

Trichromacy



Original Color
81, 17.797, 1.871

Protanomaly
81, 8.481, 345.796

Deuteranomaly
81, 12.861, 3.727

Tritanomaly
81, 18.655, 357.643

Monochromacy



Original Color
81, 17.797, 1.871

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.278, 0.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.797, 1.871 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(235, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(235, 190, 201)  
}
```

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(235, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 190, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.797, 1.871 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(235, 190, 201) }
```

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

```
.border{ border-color:rgb(235, 190, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 190, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(235, 190,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.797, 1.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 190, 201) }
```

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

```
.background{ background-color: rgb(235,  
190, 201) }
```

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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