

Converting Colors

CIELCh(81, 17.573, 5.625)

Have a look what the booklet for
CIELCh(81, 17.573, 5.625) contains.

CIELCh(81, 17.543, 5.174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 17.543, 5.174)

Conversions

Conversions Part 1

Format	Color
Hex	EBBEC7
RGB	235, 190, 199
RGB Percent	92%, 75%, 78%
CMY	0.0793, 0.2557, 0.2205
CMYK	0.00, 0.19, 0.15, 0.08
HSL	348°, 53%, 83%
HSV	348°, 19%, 92%
XYZ	62.8372, 58.4711, 61.8754
YIQ	204.4810, 23.9310, 12.3390

Conversions

Conversions Part 2

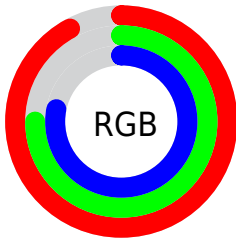
Format	Color
R _Y B	235, 190, 199
Decimal	15449799
CIE Lab	81.00, 17.47, 1.58
CIE LCh	81, 17.543, 5.174
Yxy	58.4711, 0.3430, 0.3192
Android (android.graphics.Color)	4293639879 (0xFFEBBEC7)
YUV	204.4810, -2.7021, 26.7652
Hunter-Lab	76.4664, 12.8685, 5.5500

Details

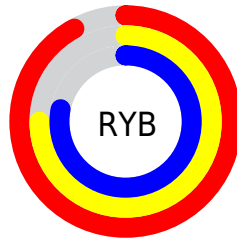
The CIELCh color **81, 17.543, 5.174** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 16.231, 181.536**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.604, 324.582**, and **61, 17.874, 5.035** is the 20% darker color. If you saturate the color by 10%, you get **75, 27.322, 6.501**, and if you desaturate by 10%, it is **87, 8.173, 4.046**.

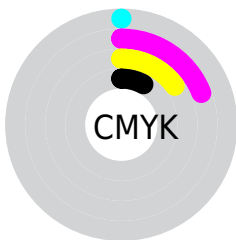
Distribution



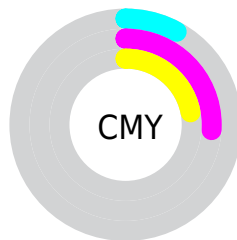
- Red (92%)
- Green (75%)
- Blue (78%)



- Red (92%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 17.543, 5.174 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, 17.543, 5.174 by changing the saturation by 10% instead.

81, 17.543, 5.174

81, 17.543, 5.174

100, 17.543, 5.174

71, 17.543, 5.174

61, 17.543, 5.174

51, 17.543, 5.174

41, 17.543, 5.174

31, 17.543, 5.174

21, 17.543, 5.174

11, 17.543, 5.174

1, 17.543, 5.174

0, 17.543, 5.174

81, 17.543, 5.174

81, 17.543, 5.174

75, 27.322, 6.501

87, 8.173, 4.046

69, 37.384, 8.105

94, 0.723, 183.980

64, 47.499, 10.093

99, 6.926, 199.063

59, 57.333, 12.600

55, 66.488, 15.780

52, 74.609, 19.775

50, 81.547, 24.610

49, 87.507, 29.939

49, 88.006, 30.359

Harmonies

Complementary

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



81, 17.543, 5.174



90, 16.231, 181.536

Rectangle

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



81, 17.543, 5.174



81, 17.543, 55.174



81, 17.543, 185.174



81, 17.543, 235.174

Sweetspot

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



81, 17.541, 5.179



96, 5.677, 3.701



81, 27.097, 319.659



51, 3.772, 3.775



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, 17.541, 5.179



85, 22.730, 5.673



84, 14.031, 50.316



46, 5.069, 4.080



38, 71.809, 29.370



7, 27.907, 14.446

Inverse Universe

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



81, 17.541, 5.179



85, 22.730, 5.673



86, 12.565, 233.245



46, 5.069, 4.080



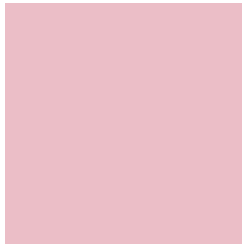
38, 71.809, 29.370



7, 27.907, 14.446

Previews

White Background



This preview shows how the CIELCh color 81, 17.543, 5.174 looks on a white background.

Color Contrast Check

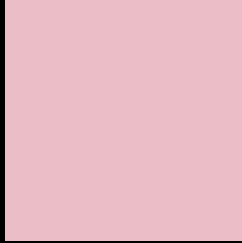
Large Text (above 18pt) WCAG AA × Fail

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, 17.543, 5.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

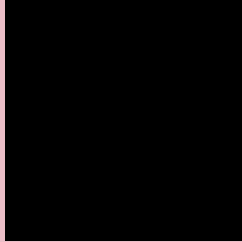
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 17.543, 5.174

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.543, 5.174.



This preview shows how white text looks on a background with the CIELCh color 81, 17.543, 5.174.

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

81, 17.543, 5.174

Protanopia

81, 3.051, 318.849

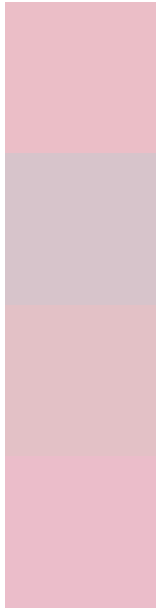
Deuteranopia

81, 10.216, 11.259



Tritanopia
81, 18.842, 356.145

Trichromacy



Original Color
81, 17.543, 5.174

Protanomaly
81, 7.945, 352.154

Deuteranomaly
81, 13.014, 8.740

Tritanomaly
81, 18.481, 359.171

Monochromacy



Original Color
81, 17.543, 5.174

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.126, 4.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.543, 5.174 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 190, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 190, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.543, 5.174 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, 199) }
```

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

```
.border{ border-color:rgb(235, 190, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(235, 190,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.543, 5.174 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, 199) }
```

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

```
.background{ background-color: rgb(235,  
190, 199) }
```

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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