

Converting Colors

CIELCh(76, 25.148, 17.419)

Have a look what the booklet for
CIELCh(76, 25.148, 17.419) contains.

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Color

CIELCh(76, 25.112, 17.996)

Conversions

Conversions Part 1

Format	Color
Hex	EBABAE
RGB	235, 171, 174
RGB Percent	92%, 67%, 68%
CMY	0.0781, 0.3291, 0.3174
CMYK	0.00, 0.27, 0.26, 0.08
HSL	357°, 62%, 80%
HSV	357°, 27%, 92%
XYZ	56.5100, 49.8872, 46.7318
YIQ	190.4780, 37.1810, 14.5010

Conversions

Conversions Part 2

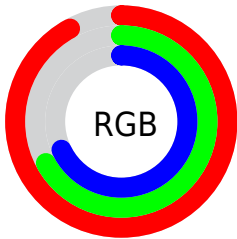
Format	Color
R _Y B	235, 171, 174
Decimal	15444910
CIE Lab	76.00, 23.88, 7.76
CIE LCh	76, 25.112, 17.996
Yxy	49.8872, 0.3690, 0.3258
Android (android.graphics.Color)	4293634990 (0xFFEBABAE)
YUV	190.4780, -8.1237, 39.0458
Hunter-Lab	70.6309, 19.2094, 10.2134

Details

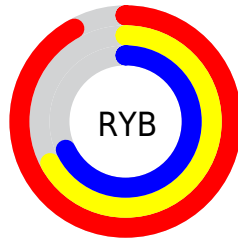
The CIELCh color **76, 25.112, 17.996** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89, 21.208, 193.767**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 10.228, 14.313**, and **56, 25.242, 17.274** is the 20% darker color. If you saturate the color by 10%, you get **70, 35.473, 19.417**, and if you desaturate by 10%, it is **82, 15.334, 16.882**.

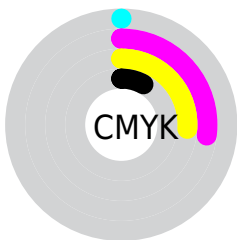
Distribution



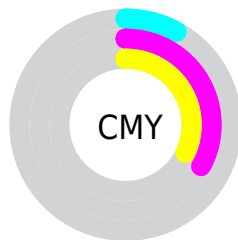
- Red (92%)
- Green (67%)
- Blue (68%)



- Red (92%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (8%)



- Cyan (8%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 25.112, 17.996 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 76, 25.112, 17.996 by changing the saturation by 10% instead.

76, 25.112, 17.996

76, 25.112, 17.996

100, 25.112,
17.996

66, 25.112, 17.996

96, 25.112, 17.996

56, 25.112, 17.996

46, 25.112, 17.996

36, 25.112, 17.996

26, 25.112, 17.996

16, 25.112, 17.996

6, 25.112, 17.996

0, 25.112, 17.996

76, 25.112, 17.996

76, 25.112, 17.996

70, 35.473, 19.417

82, 15.334, 16.882

65, 46.285, 21.235

88, 6.201, 15.947

60, 57.305, 23.577

95, 2.293, 195.609

56, 68.194, 26.556

99, 6.825, 199.070

53, 78.551, 30.197

50, 87.851, 34.258

49, 95.028, 37.921

49, 96.498, 38.606

Harmonies

Complementary

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



76, 25.112, 17.996



89, 21.208, 193.767

Rectangle

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



76, 25.112, 17.996



76, 25.112, 67.996



76, 25.112, 197.996



76, 25.112, 247.996

Sweetspot

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



76, 25.110, 18.001



95, 7.357, 16.021



77, 40.188, 324.495



49, 5.257, 16.158



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 25.110, 18.001



78, 33.161, 18.797



83, 20.723, 66.667



46, 4.908, 16.150



38, 78.837, 38.103



7, 28.340, 20.815

Inverse Universe

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



76, 25.110, 18.001



78, 33.161, 18.797



81, 18.773, 253.831



46, 4.908, 16.150



38, 78.837, 38.103



7, 28.340, 20.815

Previews

White Background



This preview shows how the CIELCh color 76, 25.112, 17.996 looks on a white background.

Color Contrast Check

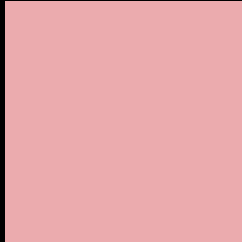
Large Text (above 18pt) WCAG AA × Fail

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 76, 25.112, 17.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

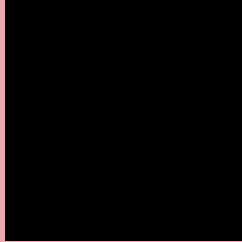
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 25.112, 17.996

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.112, 17.996.

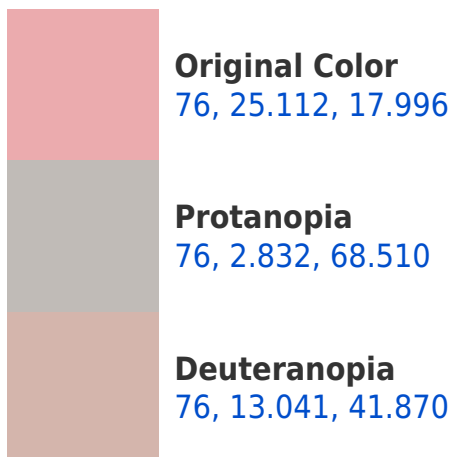



This preview shows how white text looks on a background with the CIELCh color 76, 25.112, 17.996.

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
76, 26.229, 6.556

Trichromacy



Original Color
76, 25.112, 17.996

Protanomaly
76, 10.339, 23.169

Deuteranomaly
76, 16.961, 27.973

Tritanomaly
76, 26.022, 10.012

Monochromacy



Original Color
76, 25.112, 17.996

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.720, 16.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.112, 17.996 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, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(235, 171, 174)  
}
```

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, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 171, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.112, 17.996 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, 171, 174) }
```

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

```
.border{ border-color:rgb(235, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(235, 171,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.112, 17.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 171, 174) }
```

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

```
.background{ background-color: rgb(235,  
171, 174) }
```

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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