

Converting Colors

CIELCh(76, 18.239, 16.636)

Have a look what the booklet for
CIELCh(76, 18.239, 16.636) contains.

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Color

CIELCh(76, 18.225, 17.610)

Conversions

Conversions Part 1

Format	Color
Hex	DFB0B2
RGB	223, 176, 178
RGB Percent	87%, 69%, 70%
CMY	0.1259, 0.3102, 0.3024
CMYK	0.00, 0.21, 0.20, 0.13
HSL	357°, 42%, 78%
HSV	357°, 21%, 87%
XYZ	53.9245, 49.8872, 48.8489
YIQ	190.2810, 27.3700, 10.5860

Conversions

Conversions Part 2

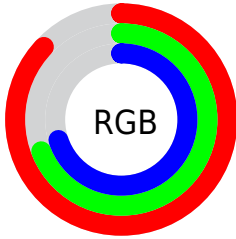
Format	Color
R _Y B	223, 176, 178
Decimal	14659762
CIE Lab	76.00, 17.37, 5.51
CIE LCh	76, 18.225, 17.610
Yxy	49.8872, 0.3532, 0.3268
Android (android.graphics.Color)	4292849842 (0xFFDFB0B2)
YUV	190.2810, -6.0545, 28.6946
Hunter-Lab	70.6309, 12.6751, 8.4362

Details

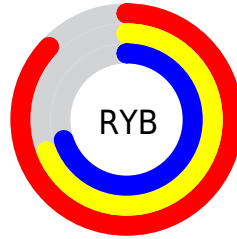
The CIELCh color **76, 18.225, 17.610** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 16.028, 194.551**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.360, 12.877**, and **56, 18.310, 17.924** is the 20% darker color. If you saturate the color by 10%, you get **70, 27.818, 18.824**, and if you desaturate by 10%, it is **82, 9.236, 16.642**.

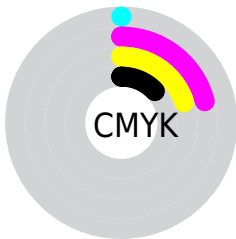
Distribution



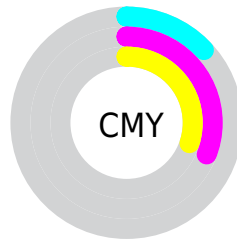
- Red (87%)
- Green (69%)
- Blue (70%)



- Red (87%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 18.225, 17.610 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, 18.225, 17.610 by changing the saturation by 10% instead.

 76, 18.225, 17.610

 76, 18.225, 17.610

 100, 18.225,
17.610

 66, 18.225, 17.610

 96, 18.225, 17.610

 56, 18.225, 17.610

 46, 18.225, 17.610

 36, 18.225, 17.610

 26, 18.225, 17.610

 16, 18.225, 17.610

 6, 18.225, 17.610

 0, 18.225, 17.610

 76, 18.225, 17.610

 76, 18.225, 17.610

70, 27.818, 18.824

82, 9.236, 16.642

65, 37.943, 20.364

88, 0.871, 15.271

60, 48.433, 22.349

94, 6.899, 195.426

55, 59.022, 24.898

98, 10.864,
198.781

52, 69.362, 28.103

49, 79.038, 31.913

47, 87.399, 35.903

47, 92.752, 38.649

Harmonies

Complementary

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



76, 18.225, 17.610



86, 16.028, 194.551

Rectangle

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



76, 18.225, 17.610



76, 18.225, 67.610



76, 18.225, 197.610



76, 18.225, 247.610

Sweetspot

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



76, 18.223, 17.616



96, 5.475, 16.186



77, 29.798, 324.178



51, 3.640, 16.248



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, 18.223, 17.616



83, 24.456, 18.078



81, 15.101, 67.374



44, 4.730, 16.495



36, 77.292, 38.211



6, 25.443, 19.155

Inverse Universe

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



76, 18.223, 17.616



83, 24.456, 18.078



80, 14.024, 252.746



44, 4.730, 16.495



36, 77.292, 38.211



6, 25.443, 19.155

Previews

White Background



This preview shows how the CIELCh color 76, 18.225, 17.610 looks on a white background.

Color Contrast Check

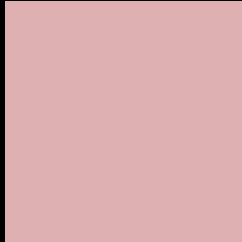
Large Text (above 18pt) WCAG AA × Fail

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, 18.225, 17.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

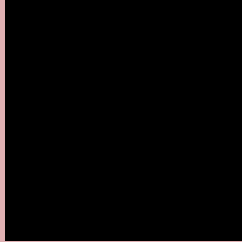
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 18.225, 17.610

Background



This preview shows how black text looks on a background with the CIELCh color 76, 18.225, 17.610.



This preview shows how white text looks on a background with the CIELCh color 76, 18.225, 17.610.

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

76, 18.225, 17.610

Protanopia

76, 2.452, 60.279

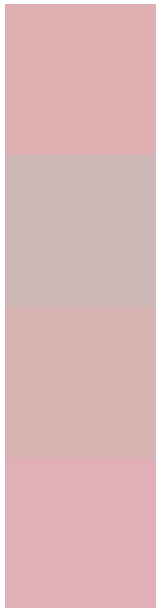
Deuteranopia

76, 11.386, 31.062



Tritanopia
76, 20.351, 359.688

Trichromacy



Original Color
76, 18.225, 17.610

Protanomaly
76, 7.605, 23.988

Deuteranomaly
76, 13.963, 24.900

Tritanomaly
76, 19.322, 6.739

Monochromacy



Original Color
76, 18.225, 17.610

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.419, 15.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 18.225, 17.610 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(223, 176, 178)` looks like.

```
.text, #text, p{  
    color:rgb(223, 176, 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(223, 176, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 176, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 18.225, 17.610 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(223, 176, 178) }
```

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

```
.border{ border-color:rgb(223, 176, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 176, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 176, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 176, 178);  
box-shadow:4px 4px 4px 4px rgb(223, 176,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 18.225, 17.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 176, 178) }
```

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

```
.background{ background-color: rgb(223,  
176, 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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