

Converting Colors

CIELCh(76, 17.132, 20.826)

Have a look what the booklet for
CIELCh(76, 17.132, 20.826) contains.

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Color

CIELCh(76, 17.063, 20.828)

Conversions

Conversions Part 1

Format	Color
Hex	DDB1B1
RGB	221, 177, 177
RGB Percent	87%, 69%, 69%
CMY	0.1340, 0.3065, 0.3066
CMYK	0.00, 0.20, 0.20, 0.13
HSL	0°, 39%, 78%
HSV	0°, 20%, 87%
XYZ	53.3703, 49.8872, 48.3213
YIQ	190.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

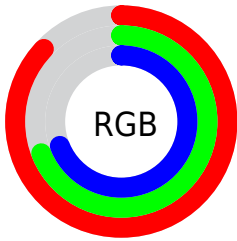
Format	Color
R _Y B	221, 177, 177
Decimal	14528945
CIE Lab	76.00, 15.95, 6.07
CIE LCh	76, 17.063, 20.828
Yxy	49.8872, 0.3521, 0.3291
Android (android.graphics.Color)	4292719025 (0xFFDDB1B1)
YUV	190.1560, -6.4859, 27.0502
Hunter-Lab	70.6309, 11.2744, 8.8791

Details

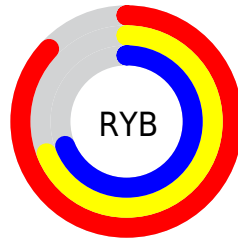
The CIELCh color **76, 17.063, 20.828** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 14.964, 198.406**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 7.945, 19.873**, and **56, 17.081, 21.274** is the 20% darker color. If you saturate the color by 10%, you get **70, 26.624, 21.915**, and if you desaturate by 10%, it is **82, 8.168, 19.977**.

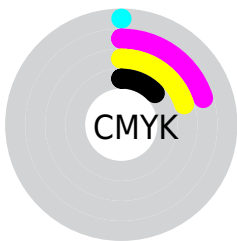
Distribution



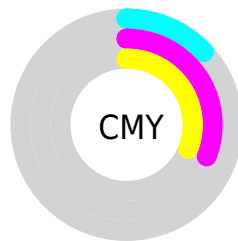
- Red (87%)
- Green (69%)
- Blue (69%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 17.063, 20.828 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, 17.063, 20.828 by changing the saturation by 10% instead.

 76, 17.063, 20.828

 76, 17.063, 20.828

 100, 17.063,
20.828

 66, 17.063, 20.828

 96, 17.063, 20.828

 56, 17.063, 20.828

 46, 17.063, 20.828

 36, 17.063, 20.828

 26, 17.063, 20.828

 16, 17.063, 20.828

 6, 17.063, 20.828

 0, 17.063, 20.828

 76, 17.063, 20.828

 76, 17.063, 20.828

70, 26.624, 21.915

82, 8.168, 19.977

65, 36.806, 23.318

88, 0.062, 209.081

60, 47.471, 25.152

94, 7.667, 198.993

55, 58.377, 27.528

98, 11.537,
198.735

51, 69.173, 30.515

49, 79.359, 34.010

47, 87.991, 37.475

46, 93.758, 39.981

46, 93.803, 40.001

Harmonies

Complementary

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



76, 17.063, 20.828



85, 14.964, 198.406

Rectangle

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



76, 17.063, 20.828



76, 17.063, 70.828



76, 17.063, 200.828



76, 17.063, 250.828

Sweetspot

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



76, 17.061, 20.835



96, 5.467, 19.664



77, 28.346, 325.524



51, 3.636, 19.719



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, 17.061, 20.835



84, 23.485, 21.263



81, 14.459, 72.940



43, 4.639, 19.938



36, 78.234, 39.929



5, 23.839, 20.273

Inverse Universe

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



85, 14.964, 198.406



96, 19.971, 198.197



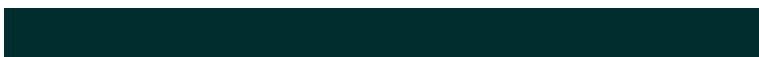
79, 13.718, 258.295



45, 4.371, 198.979



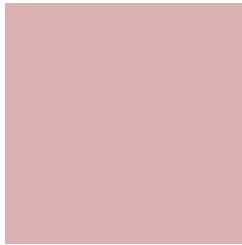
64, 37.527, 196.399



16, 15.072, 196.397

Previews

White Background



This preview shows how the CIELCh color 76, 17.063, 20.828 looks on a white background.

Color Contrast Check

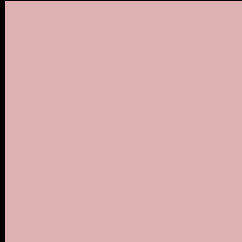
Large Text (above 18pt) WCAG AA × Fail

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, 17.063, 20.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

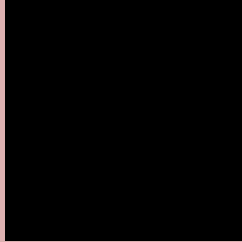
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 17.063, 20.828

Background



This preview shows how black text looks on a background with the CIELCh color 76, 17.063, 20.828.

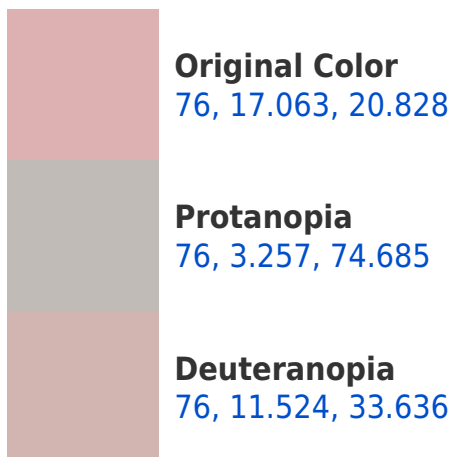


This preview shows how white text looks on a background with the CIELCh color 76, 17.063, 20.828.

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](#).

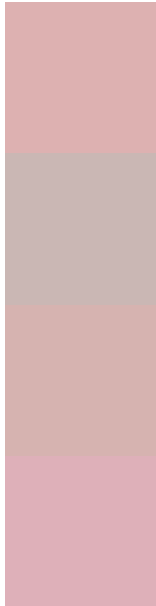
Dichromacy





Tritanopia
76, 19.264, 358.280

Trichromacy



Original Color
76, 17.063, 20.828

Protanomaly
76, 7.405, 32.427

Deuteranomaly
76, 13.653, 27.208

Tritanomaly
76, 18.172, 5.686

Monochromacy



Original Color
76, 17.063, 20.828

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 6.024, 19.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 17.063, 20.828 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(221, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(221, 177, 177)  
}
```

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(221, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 177, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 17.063, 20.828 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(221, 177, 177) }
```

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

```
.border{ border-color:rgb(221, 177, 177) }
```

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

Here you see how a box with a 4 pixel rgb(221, 177, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(221, 177,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 17.063, 20.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 177, 177) }
```

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

```
.background{ background-color: rgb(221,  
177, 177) }
```

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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