

Converting Colors

CIELCh(76, 4.004, 19.897)

Have a look what the booklet for
CIELCh(76, 4.004, 19.897) contains.

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Color

CIELCh(76, 4.123, 19.615)

Conversions

Conversions Part 1

Format	Color
Hex	C4B9B9
RGB	196, 185, 185
RGB Percent	77%, 73%, 73%
CMY	0.2317, 0.2748, 0.2748
CMYK	0.00, 0.06, 0.06, 0.23
HSL	0°, 9%, 75%
HSV	0°, 6%, 77%
XYZ	48.8232, 49.8872, 52.9092
YIQ	188.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

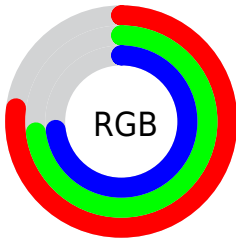
Format	Color
R _Y B	196, 185, 185
Decimal	12892601
CIE Lab	76.00, 3.88, 1.38
CIE LCh	76, 4.123, 19.615
Yxy	49.8872, 0.3220, 0.3290
Android (android.graphics.Color)	4291082681 (0xFFC4B9B9)
YUV	188.2890, -1.6215, 6.7625
Hunter-Lab	70.6309, -0.2171, 5.0278

Details

The CIELCh color **76, 4.123, 19.615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 3.980, 199.260**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 4.274, 19.542**, and **56, 3.997, 19.721** is the 20% darker color. If you saturate the color by 10%, you get **71, 11.922, 20.453**, and if you desaturate by 10%, it is **82, 3.094, 199.381**.

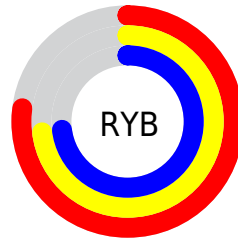
Distribution



Red (77%)

Green (73%)

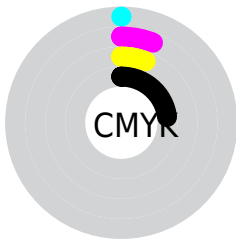
Blue (73%)



Red (77%)

Yellow (73%)

Blue (73%)

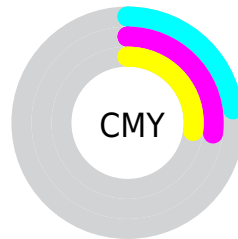


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.123, 19.615 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, 4.123, 19.615 by changing the saturation by 10% instead.

 76, 4.123, 19.615  76, 4.123, 19.615

 100, 4.123, 19.615  66, 4.123, 19.615

 96, 4.123, 19.615  56, 4.123, 19.615

 46, 4.123, 19.615

 36, 4.123, 19.615

 26, 4.123, 19.615

 16, 4.123, 19.615

 6, 4.123, 19.615

 0, 4.123, 19.615

 76, 4.123, 19.615  76, 4.123, 19.615

71, 11.922, 20.453

82, 3.094, 199.381

65, 20.328, 21.411

87, 9.770, 198.814

60, 29.320, 22.645

93, 15.960,
198.436

55, 38.815, 24.253

96, 19.338,
198.229

51, 48.640, 26.344

47, 58.530, 29.015

44, 68.112, 32.269

42, 76.796, 35.830

41, 83.319, 38.831

Harmonies

Complementary

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



76, 4.123, 19.615



78, 3.980, 199.260

Rectangle

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



76, 4.123, 19.615



76, 4.123, 69.615



76, 4.123, 199.615



76, 4.123, 249.615

Sweetspot

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



76, 4.122, 19.640



99, 1.794, 19.184



76, 7.204, 324.712



53, 1.020, 19.158



0, 0.000, 0.000



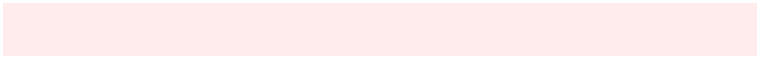
53, 0.007, 296.813

Same Dimension

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



76, 4.122, 19.640



95, 6.403, 19.766



77, 3.572, 74.643



39, 3.324, 19.797



33, 73.723, 39.728



3, 13.996, 19.422

Inverse Universe

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



78, 3.980, 199.260



99, 6.125, 199.152



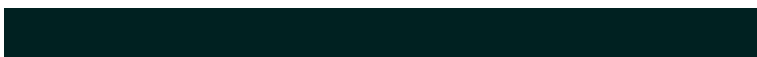
77, 3.536, 256.222



40, 3.173, 199.126



60, 35.459, 196.433



11, 12.439, 196.428

Previews

White Background



This preview shows how the CIELCh color 76, 4.123, 19.615 looks on a white background.

Color Contrast Check

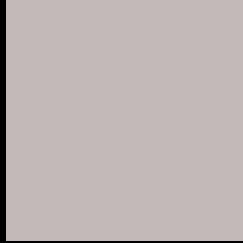
Large Text (above 18pt) WCAG AA × Fail

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, 4.123, 19.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

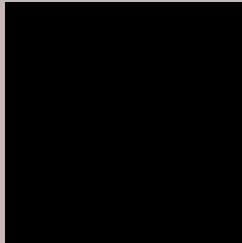
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 4.123, 19.615

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.123, 19.615.



This preview shows how white text looks on a background with the CIELCh color 76, 4.123, 19.615.

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, 4.123, 19.615

Protanopia

76, 1.862, 19.275

Deuteranopia

76, 9.810, 4.356



Tritanopia
76, 9.379, 326.682

Trichromacy



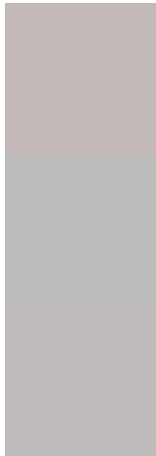
Original Color
76, 4.123, 19.615

Protanomaly
76, 2.611, 19.417

Deuteranomaly
76, 7.831, 4.113

Tritanomaly
76, 6.855, 334.998

Monochromacy



Original Color
76, 4.123, 19.615

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.487, 19.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.123, 19.615 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(196, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 185)  
}
```

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(196, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.123, 19.615 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(196, 185, 185) }
```

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

```
.border{ border-color:rgb(196, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.123, 19.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 185) }
```

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

```
.background{ background-color: rgb(196,  
185, 185) }
```

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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