

Converting Colors

CIELCh(76, 7.875, 7.228)

Have a look what the booklet for
CIELCh(76, 7.875, 7.228) contains.

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Color

CIELCh(76, 7.704, 7.954)

Conversions

Conversions Part 1

Format	Color
Hex	CBB7BA
RGB	203, 183, 186
RGB Percent	80%, 72%, 73%
CMY	0.2054, 0.2838, 0.2720
CMYK	0.00, 0.10, 0.08, 0.21
HSL	351°, 16%, 76%
HSV	351°, 10%, 79%
XYZ	50.2063, 49.8872, 53.2309
YIQ	189.3220, 10.9570, 5.1730

Conversions

Conversions Part 2

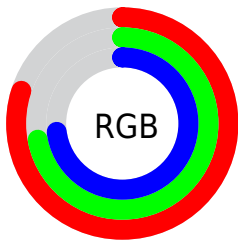
Format	Color
R _Y B	203, 183, 186
Decimal	13350842
CIE Lab	76.00, 7.63, 1.07
CIE LCh	76, 7.704, 7.954
Yxy	49.8872, 0.3275, 0.3254
Android (android.graphics.Color)	4291540922 (0xFFCBB7BA)
YUV	189.3220, -1.6377, 11.9956
Hunter-Lab	70.6309, 3.2784, 4.7578

Details

The CIELCh color $76, 7.704, 7.954$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 7.366, 186.390$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.914, 4.680$, and $56, 7.825, 7.615$ is the 20% darker color. If you saturate the color by 10%, you get $70, 15.965, 9.067$, and if you desaturate by 10%, it is $82, 0.100, 192.447$.

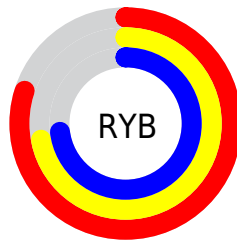
Distribution



Red (80%)

Green (72%)

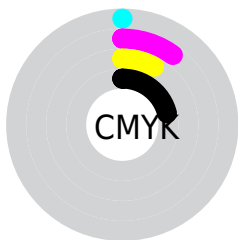
Blue (73%)



Red (80%)

Yellow (72%)

Blue (73%)

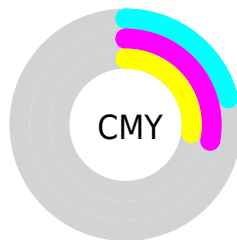


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.704, 7.954 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, 7.704, 7.954 by changing the saturation by 10% instead.

76, 7.704, 7.954

76, 7.704, 7.954

100, 7.704, 7.954

66, 7.704, 7.954

96, 7.704, 7.954

56, 7.704, 7.954

46, 7.704, 7.954

36, 7.704, 7.954

26, 7.704, 7.954

16, 7.704, 7.954

6, 7.704, 7.954

0, 7.704, 7.954

76, 7.704, 7.954

76, 7.704, 7.954

70, 15.965, 9.067

82, 0.100, 192.447

65, 24.648, 10.370

87, 7.440, 186.446

60, 33.652, 11.968

93, 14.342,
185.751

55, 42.795, 13.967

97, 17.321,
197.559

51, 51.807, 16.497

48, 60.360, 19.701

97, 17.297,
198.359

45, 68.155, 23.682

43, 75.015, 28.381

42, 80.995, 33.236

Harmonies

Complementary

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



76, 7.704, 7.954



80, 7.366, 186.390

Rectangle

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



76, 7.704, 7.954



76, 7.704, 57.954



76, 7.704, 187.954



76, 7.704, 237.954

Sweetspot

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



76, 7.702, 7.965



98, 2.768, 7.180



76, 12.464, 320.720



52, 2.103, 7.300



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, 7.702, 7.965



92, 11.368, 8.207



78, 6.166, 56.852



40, 4.447, 7.917



34, 69.275, 32.512



4, 18.090, 12.063

Inverse Universe

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



76, 7.702, 7.965



92, 11.368, 8.207



78, 5.887, 238.785



40, 4.447, 7.917



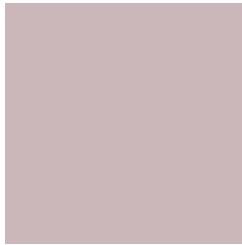
34, 69.275, 32.512



4, 18.090, 12.063

Previews

White Background



This preview shows how the CIELCh color 76, 7.704, 7.954 looks on a white background.

Color Contrast Check

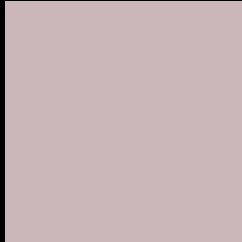
Large Text (above 18pt) WCAG AA × Fail

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 76, 7.704, 7.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

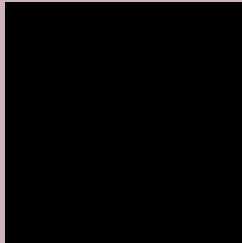
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 7.704, 7.954

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.704, 7.954.



This preview shows how white text looks on a background with the CIELCh color 76, 7.704, 7.954.

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, 7.704, 7.954

Protanopia

76, 1.245, 353.474

Deuteranopia

76, 9.810, 4.356



Tritanopia
76, 11.399, 339.044

Trichromacy



Original Color
76, 7.704, 7.954

Protanomaly
76, 3.893, 3.585

Deuteranomaly
76, 8.938, 6.246

Tritanomaly
76, 9.509, 345.795

Monochromacy



Original Color
76, 7.704, 7.954

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 2.665, 7.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.704, 7.954 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(203, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(203, 183, 186)  
}
```

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(203, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 183, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.704, 7.954 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(203, 183, 186) }
```

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

```
.border{ border-color:rgb(203, 183, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(203, 183,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.704, 7.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 183, 186) }
```

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

```
.background{ background-color: rgb(203,  
183, 186) }
```

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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