

Converting Colors

CIELCh(76, 7.913, 51.987)

Have a look what the booklet for
CIELCh(76, 7.913, 51.987) contains.

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Color

CIELCh(76, 7.800, 53.076)

Conversions

Conversions Part 1

Format	Color
Hex	C9B8B0
RGB	201, 184, 176
RGB Percent	79%, 72%, 69%
CMY	0.2114, 0.2781, 0.3094
CMYK	0.00, 0.08, 0.12, 0.21
HSL	19°, 19%, 74%
HSV	19°, 12%, 79%
XYZ	49.1172, 49.8872, 48.1612
YIQ	188.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

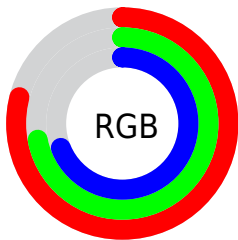
Format	Color
R _Y B	201, 188, 176
Decimal	13220016
CIE Lab	76.00, 4.69, 6.24
CIE LCh	76, 7.800, 53.076
Yxy	49.8872, 0.3338, 0.3390
Android (android.graphics.Color)	4291410096 (0xFFC9B8B0)
YUV	188.1710, -6.0003, 11.2510
Hunter-Lab	70.6309, 0.5259, 9.0134

Details

The CIELCh color $76, 7.800, 53.076$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 7.309, 235.198$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.777, 56.644$, and $56, 7.699, 51.050$ is the 20% darker color. If you saturate the color by 10%, you get $72, 14.604, 52.451$, and if you desaturate by 10%, it is $80, 1.470, 53.542$.

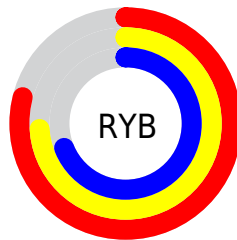
Distribution



Red (79%)

Green (72%)

Blue (69%)



Red (79%)

Yellow (74%)

Blue (69%)

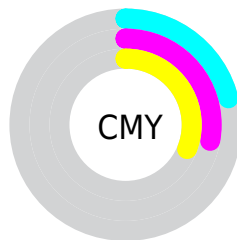


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (31%)



Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.800, 53.076 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, 7.800, 53.076 by changing the saturation by 10% instead.

 76, 7.800, 53.076  76, 7.800, 53.076

 100, 7.800, 53.076  66, 7.800, 53.076

 96, 7.800, 53.076  56, 7.800, 53.076

 46, 7.800, 53.076

 36, 7.800, 53.076

 26, 7.800, 53.076

 16, 7.800, 53.076

 6, 7.800, 53.076

 0, 7.800, 53.076

 76, 7.800, 53.076  76, 7.800, 53.076

72, 14.604, 52.451

80, 1.470, 53.542

68, 21.926, 51.860

84, 4.435, 234.747

64, 29.795, 51.351

88, 9.961, 235.458

61, 38.213, 50.943

92, 14.746,
233.585

57, 47.119, 50.632

96, 16.936,
202.837

54, 56.329, 50.370

51, 65.400, 50.002

96, 17.767,
198.329

49, 73.394, 49.164

47, 78.372, 48.230

Harmonies

Complementary

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



76, 7.800, 53.076



77, 7.309, 235.198

Rectangle

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



76, 7.800, 53.076



76, 7.800, 103.076



76, 7.800, 233.076



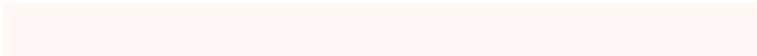
76, 7.800, 283.076

Sweetspot

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



76, 7.800, 53.094



98, 2.950, 53.559



74, 13.109, 335.808



52, 2.102, 53.535



0, 0.000, 0.000



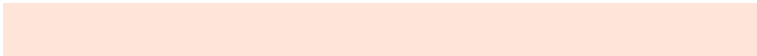
53, 0.007, 296.813

Same Dimension

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



76, 7.800, 53.094



93, 11.527, 52.913



79, 10.980, 99.984



40, 3.486, 53.289



38, 66.745, 48.759



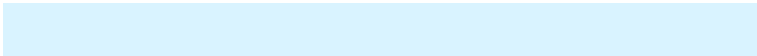
6, 13.460, 39.526

Inverse Universe

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



77, 7.309, 235.198



94, 10.630, 235.470



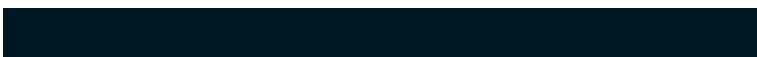
74, 11.152, 282.895



40, 3.324, 234.926



44, 36.071, 259.254



7, 11.541, 248.163

Previews

White Background



This preview shows how the CIELCh color 76, 7.800, 53.076 looks on a white background.

Color Contrast Check

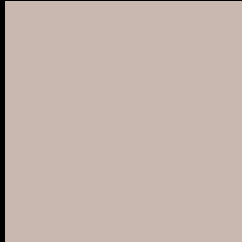
Large Text (above 18pt) WCAG AA × Fail

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, 7.800, 53.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

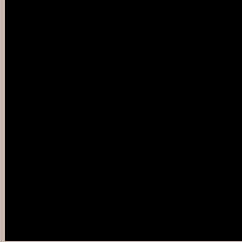
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 7.800, 53.076

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.800, 53.076.



This preview shows how white text looks on a background with the CIELCh color 76, 7.800, 53.076.

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, 7.800, 53.076

Protanopia

76, 5.811, 86.569

Deuteranopia

76, 11.386, 31.062



Tritanopia
76, 11.399, 339.044

Trichromacy



Original Color
76, 7.800, 53.076

Protanomaly
76, 6.134, 71.316

Deuteranomaly
76, 9.984, 35.621

Tritanomaly
76, 8.521, 357.890

Monochromacy



Original Color
76, 7.800, 53.076

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.748, 55.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.800, 53.076 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(201, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(201, 184, 176)  
}
```

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(201, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 184, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.800, 53.076 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(201, 184, 176) }
```

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

```
.border{ border-color:rgb(201, 184, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 184, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(201, 184,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.800, 53.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 184, 176) }
```

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

```
.background{ background-color: rgb(201,  
184, 176) }
```

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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