

Converting Colors

CIELCh(76, 9.854, 68.181)

Have a look what the booklet for
CIELCh(76, 9.854, 68.181) contains.

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Color

CIELCh(76, 9.735, 69.940)

Conversions

Conversions Part 1

Format	Color
Hex	C9B9AB
RGB	201, 185, 171
RGB Percent	79%, 73%, 67%
CMY	0.2129, 0.2756, 0.3305
CMYK	0.00, 0.08, 0.15, 0.21
HSL	28°, 22%, 73%
HSV	28°, 15%, 79%
XYZ	48.6242, 49.8872, 45.4555
YIQ	188.1880, 14.0300, -0.9620

Conversions

Conversions Part 2

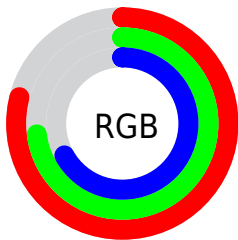
Format	Color
R _Y B	201, 197, 171
Decimal	13220267
CIE Lab	76.00, 3.34, 9.14
CIE LCh	76, 9.735, 69.940
Yxy	49.8872, 0.3377, 0.3465
Android (android.graphics.Color)	4291410347 (0xFFC9B9AB)
YUV	188.1880, -8.4737, 11.2361
Hunter-Lab	70.6309, -0.7198, 11.2847

Details

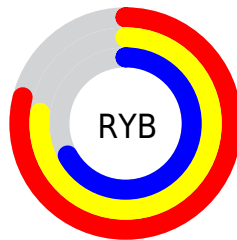
The CIELCh color $76, 9.735, 69.940$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 9.299, 253.747$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 9.197, 75.797$, and $56, 9.710, 69.253$ is the 20% darker color. If you saturate the color by 10%, you get $73, 16.686, 68.790$, and if you desaturate by 10%, it is $79, 3.135, 71.042$.

Distribution



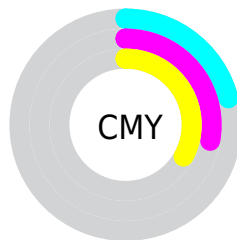
- Red (79%)
- Green (73%)
- Blue (67%)



- Red (79%)
- Yellow (77%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.735, 69.940 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, 9.735, 69.940 by changing the saturation by 10% instead.

 76, 9.735, 69.940  76, 9.735, 69.940

 100, 9.735, 69.940  66, 9.735, 69.940

 96, 9.735, 69.940  56, 9.735, 69.940

 46, 9.735, 69.940

 36, 9.735, 69.940

 26, 9.735, 69.940

 16, 9.735, 69.940

 6, 9.735, 69.940

 0, 9.735, 69.940

 76, 9.735, 69.940  76, 9.735, 69.940

73, 16.686, 68.790

79, 3.135, 71.042

70, 24.009, 67.616

83, 3.146, 252.448

67, 31.707, 66.443

86, 9.141, 253.496

64, 39.745, 65.268

89, 14.882,
254.578

61, 48.002, 64.063

92, 14.852,
234.674

58, 56.202, 62.750

56, 63.773, 61.151

95, 16.086,
209.703

53, 69.754, 58.930

96, 17.883,
198.321

52, 72.330, 57.709

Harmonies

Complementary

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



76, 9.735, 69.940



75, 9.299, 253.747

Rectangle

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



76, 9.735, 69.940



76, 9.735, 119.940



76, 9.735, 249.940



76, 9.735, 299.940

Sweetspot

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



76, 9.735, 69.954



98, 3.074, 71.117



73, 14.204, 343.106



52, 2.189, 71.053



0, 0.000, 0.000



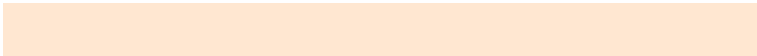
53, 0.007, 296.813

Same Dimension

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



76, 9.735, 69.954



93, 14.368, 69.571



80, 15.350, 107.342



40, 3.614, 70.584



43, 61.802, 58.324



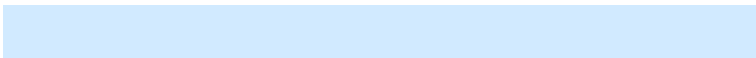
7, 12.963, 53.570

Inverse Universe

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



75, 9.299, 253.747



91, 13.566, 254.250



71, 15.844, 290.465



40, 3.519, 252.979



37, 47.936, 280.134



5, 13.488, 267.250

Previews

White Background



This preview shows how the CIELCh color 76, 9.735, 69.940 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, 9.735, 69.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

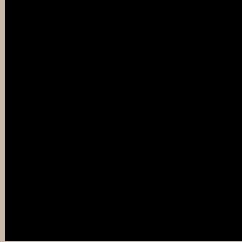
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 9.735, 69.940

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.735, 69.940.



This preview shows how white text looks on a background with the CIELCh color 76, 9.735, 69.940.

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, 9.735, 69.940

Protanopia

76, 8.466, 90.900

Deuteranopia

76, 12.911, 44.639



Tritanopia
76, 11.399, 339.044

Trichromacy



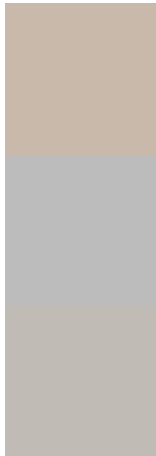
Original Color
76, 9.735, 69.940

Protanomaly
76, 8.426, 82.291

Deuteranomaly
76, 11.401, 51.067

Tritanomaly
76, 8.198, 4.884

Monochromacy



Original Color
76, 9.735, 69.940

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.486, 69.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.735, 69.940 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, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(201, 185, 171)  
}
```

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, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 185, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.735, 69.940 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, 185, 171) }
```

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

```
.border{ border-color:rgb(201, 185, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 185, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(201, 185,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.735, 69.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 185, 171) }
```

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

```
.background{ background-color: rgb(201,  
185, 171) }
```

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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