

Converting Colors

CIELCh(76, 9.532, 333.297)

Have a look what the booklet for
CIELCh(76, 9.532, 333.297) contains.

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Color

CIELCh(76, 9.688, 333.967)

Conversions

Conversions Part 1

Format	Color
Hex	C8B6C3
RGB	200, 182, 195
RGB Percent	78%, 71%, 76%
CMY	0.2143, 0.2849, 0.2339
CMYK	0.00, 0.09, 0.02, 0.21
HSL	317°, 14%, 75%
HSV	317°, 9%, 79%
XYZ	50.6080, 49.8872, 58.8050
YIQ	188.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

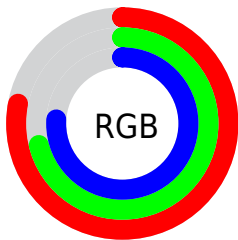
Format	Color
R _Y B	200, 182, 195
Decimal	13153987
CIE Lab	76.00, 8.71, -4.25
CIE LCh	76, 9.688, 333.967
Yxy	49.8872, 0.3177, 0.3132
Android (android.graphics.Color)	4291344067 (0xFFC8B6C3)
YUV	188.8640, 3.0250, 9.7663
Hunter-Lab	70.6309, 4.2936, 0.0787

Details

The CIELCh color `76, 9.688, 333.967` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 9.642, 152.825`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 9.381, 330.090`, and `56, 9.602, 334.794` is the 20% darker color. If you saturate the color by 10%, you get `71, 20.588, 334.685`, and if you desaturate by 10%, it is `81, 1.074, 153.653`.

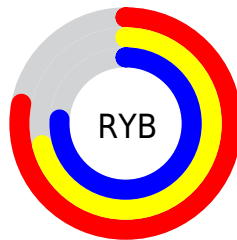
Distribution



Red (78%)

Green (71%)

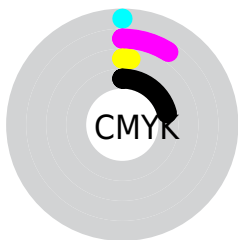
Blue (76%)



Red (78%)

Yellow (71%)

Blue (76%)

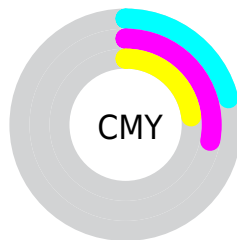


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.688, 333.967 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, 9.688, 333.967 by changing the saturation by 10% instead.

■ 76, 9.688, 333.967

■ 76, 9.688, 333.967

■ 100, 9.688,
333.967

■ 66, 9.688, 333.967

■ 96, 9.688, 333.967

■ 56, 9.688, 333.967

■ 46, 9.688, 333.967

■ 36, 9.688, 333.967

■ 26, 9.688, 333.967

■ 16, 9.688, 333.967

■ 6, 9.688, 333.967

■ 0, 9.688, 333.967

■ 76, 9.688, 333.967

■ 76, 9.688, 333.967

71, 20.588,
334.685

81, 1.074, 153.653

66, 31.477,
335.430

87, 11.597,
152.748

61, 42.111,
336.220

92, 21.832,
152.146

57, 52.151,
337.066

96, 27.279,
153.279

53, 61.154,
337.988

96, 25.238,
157.683

50, 68.609,
339.015

96, 23.349,
162.800

48, 74.025,
340.191

96, 21.656,
168.736

46, 77.077,
341.579

96, 20.209,
175.573

45, 77.964,

96, 19.068,
183.321

343.220

Harmonies

Complementary

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



76, 9.688, 333.967



79, 9.642, 152.825

Rectangle

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



76, 9.688, 333.967



76, 9.688, 23.967



76, 9.688, 153.967



76, 9.688, 203.967

Sweetspot

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



76, 9.686, 333.969



98, 3.918, 333.505



75, 9.911, 301.102



52, 2.971, 333.580



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, 9.686, 333.969



93, 14.444, 334.124



76, 7.133, 1.521



39, 6.078, 333.997



36, 67.181, 343.101



4, 20.960, 339.242

Inverse Universe

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



76, 9.686, 333.969



93, 14.444, 334.124



79, 6.908, 180.004



39, 6.078, 333.997



36, 67.181, 343.101



4, 20.960, 339.242

Previews

White Background



This preview shows how the CIELCh color 76, 9.688, 333.967 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, 9.688, 333.967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

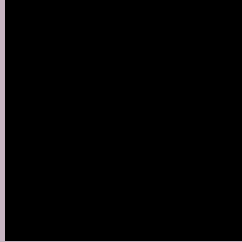
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 9.688, 333.967

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.688, 333.967.



This preview shows how white text looks on a background with the CIELCh color 76, 9.688, 333.967.

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, 9.688, 333.967

Protanopia

76, 6.521, 297.151

Deuteranopia

76, 10.212, 337.055



Tritanopia
76, 10.327, 333.426

Trichromacy



Original Color
76, 9.688, 333.967

Protanomaly
76, 6.986, 312.157

Deuteranomaly
76, 9.946, 335.549

Tritanomaly
76, 10.327, 333.426

Monochromacy



Original Color
76, 9.688, 333.967

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 3.111, 335.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.688, 333.967 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(200, 182, 195)` looks like.

```
.text, #text, p{  
    color:rgb(200, 182, 195)  
}
```

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(200, 182, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.688, 333.967 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(200, 182, 195) }
```

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

```
.border{ border-color:rgb(200, 182, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 182, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 182, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 182, 195);  
box-shadow:4px 4px 4px 4px rgb(200, 182,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.688, 333.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 195) }
```

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

```
.background{ background-color: rgb(200,  
182, 195) }
```

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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