

Converting Colors

CIELCh(76, 15.814, 97.684)

Have a look what the booklet for
CIELCh(76, 15.814, 97.684) contains.

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Color

CIELCh(76, 15.752, 98.629)

Conversions

Conversions Part 1

Format	Color
Hex	C3BC9F
RGB	195, 188, 159
RGB Percent	76%, 74%, 62%
CMY	0.2365, 0.2639, 0.3776
CMYK	0.00, 0.04, 0.18, 0.24
HSL	48°, 23%, 69%
HSV	48°, 18%, 76%
XYZ	46.5736, 49.8872, 39.8388
YIQ	186.7870, 13.4810, -7.5350

Conversions

Conversions Part 2

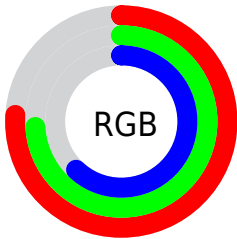
Format	Color
RYB	168, 195, 159
Decimal	12827807
CIELab	76.00, -2.36, 15.57
CIELCh	76, 15.752, 98.629
Yxy	49.8872, 0.3417, 0.3660
Android (android.graphics.Color)	4291017887 (0xFFC3BC9F)
YUV	186.7870, -13.6990, 7.2028
Hunter-Lab	70.6309, -5.9022, 15.9996

Details

The CIELCh color **76, 15.752, 98.629** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 16.088, 283.102**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 15.569, 97.997**, and **56, 15.541, 98.887** is the 20% darker color. If you saturate the color by 10%, you get **75, 24.330, 97.458**, and if you desaturate by 10%, it is **77, 7.201, 99.776**.

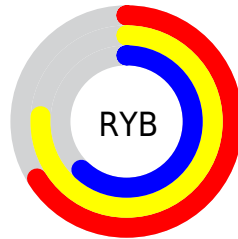
Distribution



Red (76%)

Green (74%)

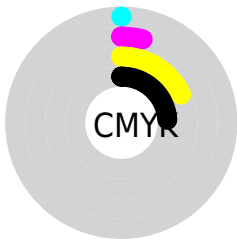
Blue (62%)



Red (66%)

Yellow (76%)

Blue (62%)

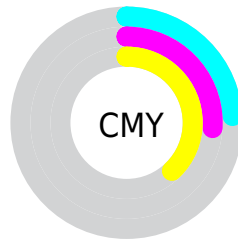


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 15.752, 98.629 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, 15.752, 98.629 by changing the saturation by 10% instead.

■ 76, 15.752, 98.629

■ 76, 15.752, 98.629

■ 100, 15.752,
98.629

■ 66, 15.752, 98.629

■ 96, 15.752, 98.629

■ 56, 15.752, 98.629

■ 46, 15.752, 98.629

■ 36, 15.752, 98.629

■ 26, 15.752, 98.629

■ 16, 15.752, 98.629

■ 6, 15.752, 98.629

■ 0, 15.752, 98.629

■ 76, 15.752, 98.629

■ 76, 15.752, 98.629

75, 24.330, 97.458

77, 7.201, 99.776

73, 32.869, 96.255

79, 1.292, 281.028

72, 41.256, 95.035

80, 9.709, 281.999

71, 49.297, 93.804

82, 18.040,
283.020

70, 56.672, 92.561

84, 25.742,
283.754

68, 62.889, 91.293

85, 23.895,
279.890

67, 67.316, 89.964

66, 69.612, 88.526

85, 22.173,
275.433

66, 69.906, 88.307

86, 20.605,
270.296

87, 19.225,
264.405

Harmonies

Complementary

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



76, 15.752, 98.629



68, 16.088, 283.102

Rectangle

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



76, 15.752, 98.629



76, 15.752, 148.629



76, 15.752, 278.629



76, 15.752, 328.629

Sweetspot

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



76, 15.753, 98.636



98, 6.280, 100.037



69, 14.501, 5.068



53, 4.201, 99.965



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, 15.753, 98.636



95, 23.179, 98.185



77, 19.626, 120.745



40, 4.796, 99.678



55, 60.703, 88.543



10, 14.612, 93.485

Inverse Universe

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



68, 16.088, 283.102



84, 23.783, 283.681



67, 20.333, 302.959



38, 4.853, 281.869



22, 82.602, 302.350



2, 16.840, 285.299

Previews

White Background



This preview shows how the CIELCh color 76, 15.752, 98.629 looks on a white background.

Color Contrast Check

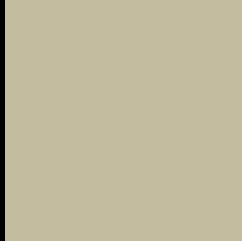
Large Text (above 18pt) WCAG AA × Fail

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, 15.752, 98.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

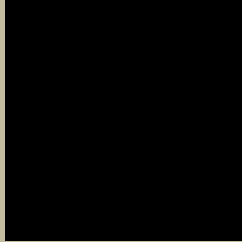
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

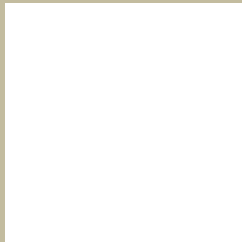
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 15.752, 98.629

Background



This preview shows how black text looks on a background with the CIELCh color 76, 15.752, 98.629.



This preview shows how white text looks on a background with the CIELCh color 76, 15.752, 98.629.

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, 15.752, 98.629

Protanopia

76, 16.020, 94.418

Deuteranopia

76, 17.740, 57.181



Tritanopia
76, 10.485, 329.904

Trichromacy



Original Color
76, 15.752, 98.629

Protanomaly
76, 15.926, 95.805

Deuteranomaly
76, 15.904, 70.340

Tritanomaly
76, 5.302, 25.533

Monochromacy



Original Color
76, 15.752, 98.629

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.942, 102.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 15.752, 98.629 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(195, 188, 159)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 159)  
}
```

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(195, 188, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 15.752, 98.629 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(195, 188, 159) }
```

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

```
.border{ border-color:rgb(195, 188, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 159);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 15.752, 98.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 159) }
```

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

```
.background{ background-color: rgb(195,  
188, 159) }
```

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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