

Converting Colors

CIELCh(76, 23.650, 94.114)

Have a look what the booklet for
CIELCh(76, 23.650, 94.114) contains.

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Color

CIELCh(76, 23.673, 94.098)

Conversions

Conversions Part 1

Format	Color
Hex	C9BB90
RGB	201, 187, 144
RGB Percent	79%, 73%, 56%
CMY	0.2123, 0.2672, 0.4358
CMYK	0.00, 0.07, 0.28, 0.21
HSL	45°, 34%, 68%
HSV	45°, 28%, 79%
XYZ	46.8121, 49.8872, 33.4927
YIQ	186.2840, 22.1470, -10.4050

Conversions

Conversions Part 2

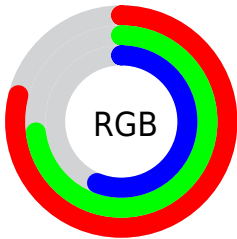
Format	Color
R _Y B	163, 201, 144
Decimal	13220752
CIE Lab	76.00, -1.69, 23.61
CIE LCh	76, 23.673, 94.098
Yxy	49.8872, 0.3596, 0.3832
Android (android.graphics.Color)	4291410832 (0xFFC9BB90)
YUV	186.2840, -20.8460, 12.9059
Hunter-Lab	70.6309, -5.2996, 21.3267

Details

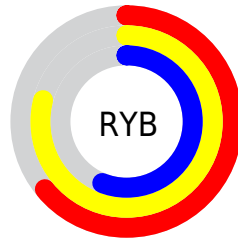
The CIELCh color **76, 23.673, 94.098** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 24.176, 281.606**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 23.367, 97.124**, and **56, 23.815, 94.519** is the 20% darker color. If you saturate the color by 10%, you get **74, 32.111, 92.833**, and if you desaturate by 10%, it is **78, 15.256, 95.340**.

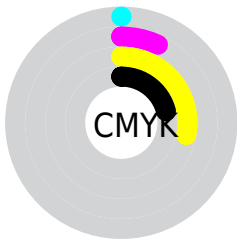
Distribution



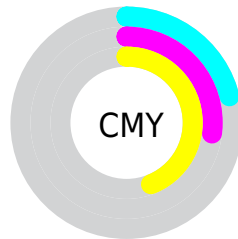
- Red (79%)
- Green (73%)
- Blue (56%)



- Red (64%)
- Yellow (79%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (21%)



- Cyan (21%)
- Magenta (27%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 23.673, 94.098 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, 23.673, 94.098 by changing the saturation by 10% instead.

 76, 23.673, 94.098

 76, 23.673, 94.098

 100, 23.673,
94.098

 66, 23.673, 94.098

 96, 23.673, 94.098

 56, 23.673, 94.098

 46, 23.673, 94.098

 36, 23.673, 94.098

 26, 23.673, 94.098

 16, 23.673, 94.098

 6, 23.673, 94.098

 0, 23.673, 94.098

 76, 23.673, 94.098

 76, 23.673, 94.098

74, 32.111, 92.833

78, 15.256, 95.340

73, 40.466, 91.534

79, 6.908, 96.529

71, 48.562, 90.204

81, 1.344, 277.854

70, 56.087, 88.833

83, 9.490, 278.853

68, 62.544, 87.388

85, 17.526,
279.912

67, 67.253, 85.802

86, 20.701,
277.594

66, 69.763, 83.994

88, 18.620,
270.450

66, 70.109, 83.697

89, 16.890,
261.753

90, 15.621,
251.444

Harmonies

Complementary

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



76, 23.673, 94.098



65, 24.176, 281.606

Rectangle

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



76, 23.673, 94.098



76, 23.673, 144.098



76, 23.673, 274.098



76, 23.673, 324.098

Sweetspot

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



76, 23.674, 94.104



98, 9.017, 96.441



66, 23.678, 2.633



52, 6.272, 96.269



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, 23.674, 94.104



93, 34.505, 93.332



79, 30.540, 118.131



41, 4.644, 96.413



54, 60.167, 84.030



10, 15.231, 88.200

Inverse Universe

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



65, 24.176, 281.606



77, 35.452, 282.738



63, 32.421, 302.008



39, 4.682, 278.707



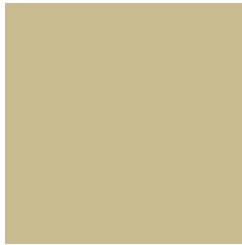
24, 78.737, 300.505



3, 17.895, 284.427

Previews

White Background



This preview shows how the CIELCh color 76, 23.673, 94.098 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, 23.673, 94.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

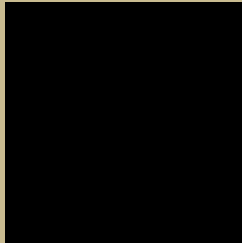
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 23.673, 94.098

Background



This preview shows how black text looks on a background with the CIELCh color 76, 23.673, 94.098.

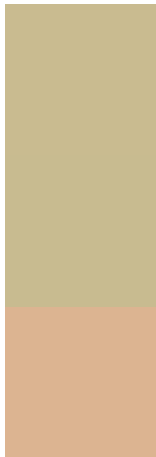


This preview shows how white text looks on a background with the CIELCh color 76, 23.673, 94.098.

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, 23.673, 94.098

Protanopia

76, 23.575, 95.061

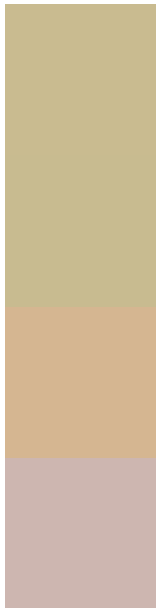
Deuteranopia

76, 25.192, 67.678



Tritanopia
76, 12.566, 343.722

Trichromacy



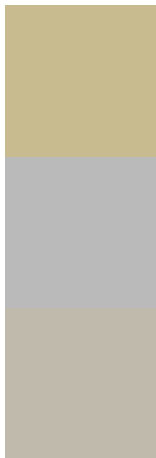
Original Color
76, 23.673, 94.098

Protanomaly
76, 23.575, 95.061

Deuteranomaly
76, 23.693, 75.914

Tritanomaly
76, 9.419, 39.940

Monochromacy



Original Color
76, 23.673, 94.098

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.266, 95.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 23.673, 94.098 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, 187, 144)` looks like.

```
.text, #text, p{  
    color:rgb(201, 187, 144)  
}
```

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, 187, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 187, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 23.673, 94.098 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, 187, 144) }
```

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

```
.border{ border-color:rgb(201, 187, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 187, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 187, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 187, 144);  
box-shadow:4px 4px 4px 4px rgb(201, 187,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 23.673, 94.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 187, 144) }
```

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

```
.background{ background-color: rgb(201,  
187, 144) }
```

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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