

Converting Colors

CIELCh(76, 21.735, 98.553)

Have a look what the booklet for
CIELCh(76, 21.735, 98.553) contains.

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Color

CIELCh(76, 21.663, 98.534)

Conversions

Conversions Part 1

Format	Color
Hex	C5BC94
RGB	197, 188, 148
RGB Percent	77%, 74%, 58%
CMY	0.2280, 0.2633, 0.4202
CMYK	0.00, 0.05, 0.25, 0.23
HSL	49°, 30%, 68%
HSV	49°, 25%, 77%
XYZ	46.2725, 49.8872, 35.1487
YIQ	186.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

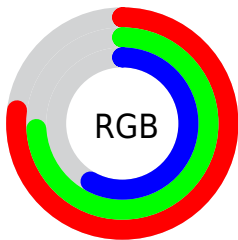
Format	Color
RYB	159, 197, 148
Decimal	12958868
CIELab	76.00, -3.21, 21.42
CIELCh	76, 21.663, 98.534
Yxy	49.8872, 0.3524, 0.3799
Android (android.graphics.Color)	4291148948 (0xFFC5BC94)
YUV	186.1310, -18.7986, 9.5321
Hunter-Lab	70.6309, -6.6632, 19.9366

Details

The CIELCh color **76, 21.663, 98.534** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 22.349, 284.688**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.711, 98.487**, and **56, 21.787, 98.359** is the 20% darker color. If you saturate the color by 10%, you get **75, 30.378, 97.357**, and if you desaturate by 10%, it is **77, 12.928, 99.695**.

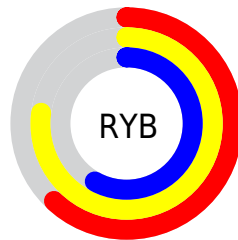
Distribution



Red (77%)

Green (74%)

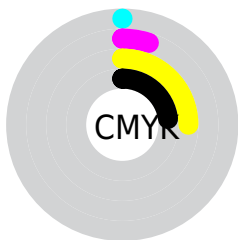
Blue (58%)



Red (62%)

Yellow (77%)

Blue (58%)

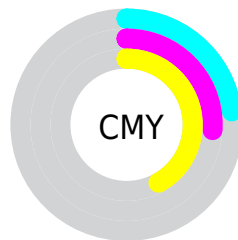


Cyan (0%)

Magenta (5%)

Yellow (25%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 21.663, 98.534 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, 21.663, 98.534 by changing the saturation by 10% instead.

 76, 21.663, 98.534

 76, 21.663, 98.534

 100, 21.663,
98.534

 66, 21.663, 98.534

 96, 21.663, 98.534

 56, 21.663, 98.534

 46, 21.663, 98.534

 36, 21.663, 98.534

 26, 21.663, 98.534

 16, 21.663, 98.534

 6, 21.663, 98.534

 0, 21.663, 98.534

 76, 21.663, 98.534

 76, 21.663, 98.534

75, 30.378, 97.357

77, 12.928, 99.695

73, 38.974, 96.158

79, 4.223, 100.801

72, 47.285, 94.949

80, 4.420, 281.960

71, 55.035, 93.735

82, 12.987,
282.987

70, 61.788, 92.512

83, 21.470,
283.986

69, 66.947, 91.258

68, 69.908, 89.925

84, 24.194,
282.410

67, 70.840, 89.220

85, 22.474,
278.396

86, 20.880,
273.772

87, 19.442,
268.458

Harmonies

Complementary

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



76, 21.663, 98.534



65, 22.349, 284.688

Rectangle

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



76, 21.663, 98.534



76, 21.663, 148.534



76, 21.663, 278.534



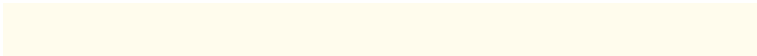
76, 21.663, 328.534

Sweetspot

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



76, 21.664, 98.540



99, 7.476, 100.564



66, 20.005, 5.867



53, 4.859, 100.497



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, 21.664, 98.540



95, 32.237, 97.883



77, 26.609, 120.367



41, 4.956, 100.313



57, 61.717, 89.432



11, 16.344, 93.834

Inverse Universe

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



65, 22.349, 284.688



79, 33.537, 285.621



64, 27.935, 303.430



39, 5.018, 282.492



22, 84.610, 302.724



2, 18.776, 286.537

Previews

White Background



This preview shows how the CIELCh color 76, 21.663, 98.534 looks on a white background.

Color Contrast Check

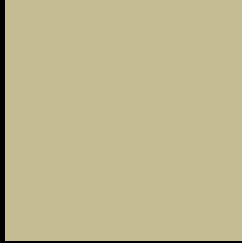
Large Text (above 18pt) WCAG AA × Fail

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, 21.663, 98.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

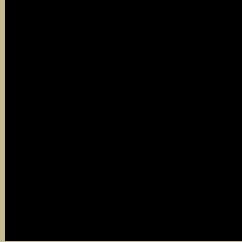
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

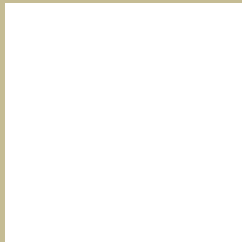
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 21.663, 98.534

Background



This preview shows how black text looks on a background with the CIELCh color 76, 21.663, 98.534.



This preview shows how white text looks on a background with the CIELCh color 76, 21.663, 98.534.

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, 21.663, 98.534

Protanopia

76, 21.926, 95.385

Deuteranopia

76, 22.935, 66.101



Tritanopia
76, 11.488, 335.754

Trichromacy



Original Color
76, 21.663, 98.534

Protanomaly
76, 21.837, 96.423

Deuteranomaly
76, 21.366, 77.600

Tritanomaly
76, 7.374, 41.142

Monochromacy



Original Color
76, 21.663, 98.534

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.119, 101.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 21.663, 98.534 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(197, 188, 148)` looks like.

```
.text, #text, p{  
    color:rgb(197, 188, 148)  
}
```

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(197, 188, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 188, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 21.663, 98.534 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(197, 188, 148) }
```

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

```
.border{ border-color:rgb(197, 188, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 188, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 188, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 188, 148);  
box-shadow:4px 4px 4px 4px rgb(197, 188,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 21.663, 98.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 188, 148) }
```

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

```
.background{ background-color: rgb(197,  
188, 148) }
```

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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