

Converting Colors

CIELCh(76, 36.654, 98.413)

Have a look what the booklet for
CIELCh(76, 36.654, 98.413) contains.

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Color

CIELCh(76, 36.403, 98.114)

Conversions

Conversions Part 1

Format	Color
Hex	C9BC78
RGB	201, 188, 120
RGB Percent	79%, 74%, 47%
CMY	0.2108, 0.2618, 0.5285
CMYK	0.00, 0.06, 0.40, 0.21
HSL	50°, 43%, 63%
HSV	50°, 40%, 79%
XYZ	45.5970, 49.8872, 25.0698
YIQ	184.1350, 29.5760, -18.3920

Conversions

Conversions Part 2

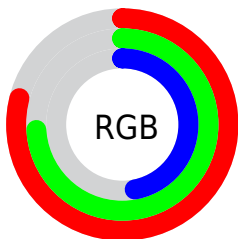
Format	Color
RYB	135, 201, 120
Decimal	13220984
CIELab	76.00, -5.14, 36.04
CIELCh	76, 36.403, 98.114
Yxy	49.8872, 0.3782, 0.4138
Android (android.graphics.Color)	4291411064 (0xFFC9BC78)
YUV	184.1350, -31.6186, 14.7906
Hunter-Lab	70.6309, -8.3703, 28.3972

Details

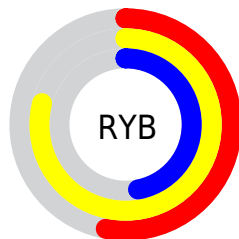
The CIELCh color **76, 36.403, 98.114** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57, 38.831, 288.684**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 36.208, 100.513**, and **56, 36.459, 97.844** is the 20% darker color. If you saturate the color by 10%, you get **75, 45.144, 96.950**, and if you desaturate by 10%, it is **77, 27.429, 99.280**.

Distribution



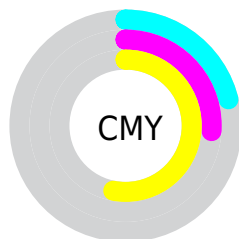
- Red (79%)
- Green (74%)
- Blue (47%)



- Red (53%)
- Yellow (79%)
- Blue (47%)



- Cyan (0%)
- Magenta (6%)
- Yellow (40%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 36.403, 98.114 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, 36.403, 98.114 by changing the saturation by 10% instead.

 76, 36.403, 98.114

 76, 36.403, 98.114

 100, 36.403,
98.114

 66, 36.403, 98.114

 96, 36.403, 98.114

 56, 36.403, 98.114

 46, 36.403, 98.114

 36, 36.403, 98.114

 26, 36.403, 98.114

 16, 36.403, 98.114

 6, 36.403, 98.114

 0, 36.403, 98.114

 76, 36.403, 98.114

 76, 36.403, 98.114

75, 45.144, 96.950

77, 27.429, 99.280

74, 53.416, 95.787

78, 18.358,
100.425

73, 60.845, 94.633

80, 9.274, 101.542

72, 66.892, 93.485

81, 0.223, 102.036

71, 70.927, 92.321

82, 8.770, 283.720

70, 72.869, 91.145

84, 17.690,
284.724

85, 23.355,
284.411

86, 21.770,
280.856

87, 20.281,
276.785

Harmonies

Complementary

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



76, 36.403, 98.114



57, 38.831, 288.684

Rectangle

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



76, 36.403, 98.114



76, 36.403, 148.114



76, 36.403, 278.114



76, 36.403, 328.114

Sweetspot

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



76, 36.404, 98.118



98, 13.156, 101.332



60, 33.847, 10.757



52, 8.730, 101.185



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, 36.404, 98.118



93, 52.324, 97.136



77, 43.644, 120.845



41, 5.077, 101.639



58, 62.448, 91.344



11, 16.794, 95.711

Inverse Universe

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



57, 38.831, 288.684



66, 56.966, 290.475



56, 47.303, 305.756



39, 5.148, 283.774



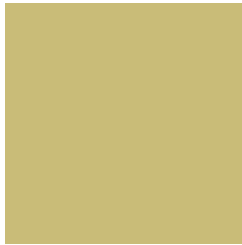
22, 86.553, 303.399



2, 19.110, 287.272

Previews

White Background



This preview shows how the CIELCh color 76, 36.403, 98.114 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, 36.403, 98.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

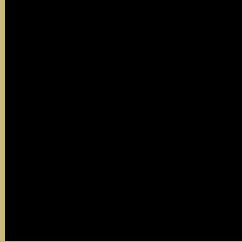
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 36.403, 98.114

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.403, 98.114.



This preview shows how white text looks on a background with the CIELCh color 76, 36.403, 98.114.

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, 36.403, 98.114

Protanopia

76, 36.246, 95.390

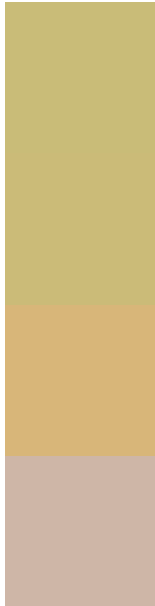
Deuteranopia

76, 36.637, 74.922



Tritanopia
76, 13.494, 346.723

Trichromacy



Original Color
76, 36.403, 98.114

Protanomaly
76, 36.158, 96.046

Deuteranomaly
76, 35.796, 83.272

Tritanomaly
76, 12.414, 60.174

Monochromacy



Original Color
76, 36.403, 98.114

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 13.495, 102.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.403, 98.114 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, 188, 120)` looks like.

```
.text, #text, p{  
    color:rgb(201, 188, 120)  
}
```

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, 188, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 188, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.403, 98.114 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, 188, 120) }
```

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

```
.border{ border-color:rgb(201, 188, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 188, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 188, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 188, 120);  
box-shadow:4px 4px 4px 4px rgb(201, 188,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.403, 98.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 188, 120) }
```

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

```
.background{ background-color: rgb(201,  
188, 120) }
```

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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