

Converting Colors

CIELCh(77, 34.489, 100.070)

Have a look what the booklet for
CIELCh(77, 34.489, 100.070)
contains.

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Color

CIELCh(77, 34.573, 100.049)

Conversions

Conversions Part 1

Format	Color
Hex	CAC07F
RGB	202, 192, 127
RGB Percent	79%, 75%, 50%
CMY	0.2096, 0.2487, 0.5035
CMYK	0.00, 0.05, 0.37, 0.21
HSL	52°, 41%, 64%
HSV	52°, 37%, 79%
XYZ	46.8012, 51.5317, 27.4222
YIQ	187.5800, 26.8250, -18.0950

Conversions

Conversions Part 2

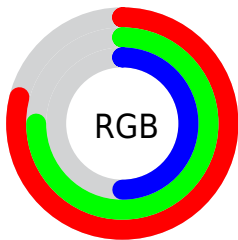
Format	Color
RYB	139, 202, 127
Decimal	13287551
CIELab	77.00, -6.03, 34.04
CIELCh	77, 34.573, 100.049
Yxy	51.5317, 0.3722, 0.4098
Android (android.graphics.Color)	4291477631 (0xFFCAC07F)
YUV	187.5800, -29.8659, 12.6463
Hunter-Lab	71.7856, -9.2504, 27.6010

Details

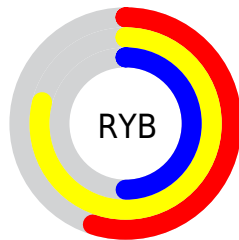
The CIELCh color **77, 34.573, 100.049** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 36.914, 289.444**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 34.464, 102.989**, and **57, 34.589, 100.077** is the 20% darker color. If you saturate the color by 10%, you get **76, 43.579, 98.931**, and if you desaturate by 10%, it is **78, 25.348, 101.174**.

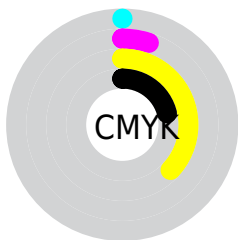
Distribution



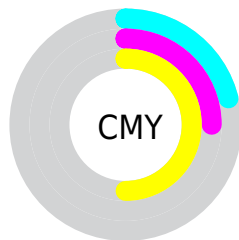
- Red (79%)
- Green (75%)
- Blue (50%)



- Red (55%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (5%)
- Yellow (37%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 34.573, 100.049 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 77, 34.573, 100.049 by changing the saturation by 10% instead.

 77, 34.573,
100.049

 77, 34.573,
100.049


 100, 34.573,
100.049

 67, 34.573,
100.049


 97, 34.573,
100.049

 57, 34.573,
100.049

 47, 34.573,
100.049

 37, 34.573,
100.049

 27, 34.573,
100.049

 17, 34.573,
100.049

 7, 34.573, 100.049

■ 0, 34.573, 100.049

■ 77, 34.573,
100.049

■ 77, 34.573,
100.049

■ 76, 43.579, 98.931

■ 78, 25.348,
101.174

■ 75, 52.153, 97.821

■ 79, 16.029,
102.281

■ 74, 59.961, 96.737

■ 73, 66.510, 95.686

■ 80, 6.691, 103.359

■ 73, 71.196, 94.667

■ 82, 2.622, 284.481

■ 72, 73.601, 93.655

■ 83, 11.884,
285.465

■ 72, 74.089, 93.372

■ 84, 21.080,
286.440

■ 85, 23.595,

285.153

■ 86, 22.256,
282.305

■ 86, 20.979,
279.117

Harmonies

Complementary

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



77, 34.573, 100.049



59, 36.914, 289.444

Rectangle

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



77, 34.573, 100.049



77, 34.573, 150.049



77, 34.573, 280.049



77, 34.573, 330.049

Sweetspot

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



77, 34.574, 100.053



98, 12.403, 102.937



61, 31.070, 12.766



52, 8.336, 102.789



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 34.574, 100.053



94, 50.365, 99.106



78, 40.758, 122.328



43, 5.334, 103.125



60, 64.137, 93.519



13, 18.879, 97.249

Inverse Universe

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



59, 36.914, 289.444



67, 54.922, 291.130



58, 43.693, 306.589



40, 5.418, 285.216



21, 89.745, 304.123



2, 21.359, 288.975

Previews

White Background



This preview shows how the CIELCh color 77, 34.573, 100.049 looks on a white background.

Color Contrast Check

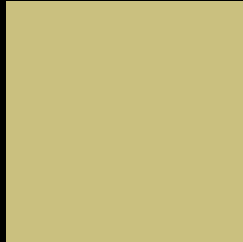
Large Text (above 18pt) WCAG AA × Fail

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 77, 34.573, 100.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

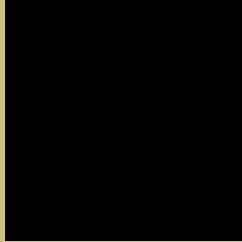
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 34.573, 100.049

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.573, 100.049.



This preview shows how white text looks on a background with the CIELCh color 77, 34.573, 100.049.

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

77, 34.573, 100.049

Protanopia

77, 34.546, 95.829

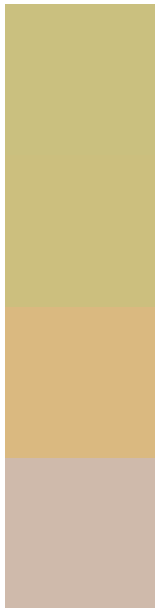
Deuteranopia

77, 34.434, 74.060



Tritanopia
77, 12.529, 343.706

Trichromacy



Original Color
77, 34.573, 100.049

Protanomaly
77, 34.788, 97.980

Deuteranomaly
77, 33.562, 82.892

Tritanomaly
77, 11.473, 64.021

Monochromacy



Original Color
77, 34.573, 100.049

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 12.887, 103.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.573, 100.049 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(202, 192, 127)` looks like.

```
.text, #text, p{  
    color:rgb(202, 192, 127)  
}
```

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(202, 192, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 192, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.573, 100.049 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(202, 192, 127) }
```

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

```
.border{ border-color:rgb(202, 192, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 192, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 192, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 192, 127);  
box-shadow:4px 4px 4px 4px rgb(202, 192,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.573, 100.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 192, 127) }
```

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

```
.background{ background-color: rgb(202,  
192, 127) }
```

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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