

Converting Colors

CIELCh(78, 38.255, 104.769)

Have a look what the booklet for
CIELCh(78, 38.255, 104.769)
contains.

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Color

CIELCh(78, 38.284, 104.751)

Conversions

Conversions Part 1

Format	Color
Hex	C7C47B
RGB	199, 196, 123
RGB Percent	78%, 77%, 48%
CMY	0.2186, 0.2303, 0.5167
CMYK	0.00, 0.02, 0.38, 0.22
HSL	58°, 41%, 63%
HSV	58°, 38%, 78%
XYZ	47.0132, 53.2120, 26.6126
YIQ	188.5750, 25.2210, -22.0670

Conversions

Conversions Part 2

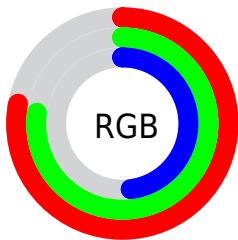
Format	Color
R _Y B	126, 199, 123
Decimal	13091963
CIE Lab	78.00, -9.75, 37.02
CIE LCh	78, 38.284, 104.751
Yxy	53.2120, 0.3707, 0.4195
Android (android.graphics.Color)	4291282043 (0xFFC7C47B)
YUV	188.5750, -32.3285, 9.1427
Hunter-Lab	72.9466, -12.6154, 29.4322

Details

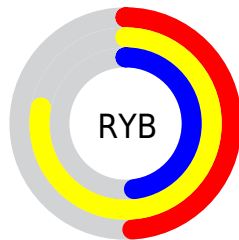
The CIELCh color **78, 38.284, 104.751** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55, 41.873, 293.700**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 38.685, 106.059**, and **58, 37.909, 104.334** is the 20% darker color. If you saturate the color by 10%, you get **78, 47.768, 103.789**, and if you desaturate by 10%, it is **79, 28.447, 105.749**.

Distribution



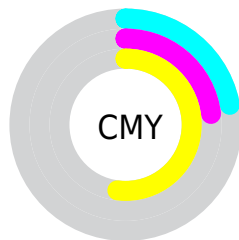
- Red (78%)
- Green (77%)
- Blue (48%)



- Red (49%)
- Yellow (78%)
- Blue (48%)



- Cyan (0%)
- Magenta (2%)
- Yellow (38%)
- Black (22%)





- Cyan (22%)
- Magenta (23%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 38.284, 104.751 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 78, 38.284, 104.751 by changing the saturation by 10% instead.


 78, 38.284,
104.751


 78, 38.284,
104.751


 100, 38.284,
104.751


 68, 38.284,
104.751


 98, 38.284,
104.751

 58, 38.284,
104.751

 48, 38.284,
104.751

 38, 38.284,
104.751

 28, 38.284,
104.751

 18, 38.284,
104.751

 8, 38.284, 104.751

0, 38.284, 104.751

78, 38.284,
104.751

78, 38.284,
104.751

78, 47.768,
103.789

79, 28.447,
105.749

77, 56.648,
102.878

79, 18.411,
106.753

77, 64.560,
102.052

80, 8.277, 107.747

80, 1.892, 288.781

76, 71.016,
101.343

81, 12.055,
289.700

76, 75.499,
100.778

82, 22.187,
290.618

76, 77.830,
100.357

83, 28.194,

■ 76, 78.172,
100.286

290.937

■ 83, 27.764,
290.344

■ 83, 27.336,
289.733

Harmonies

Complementary

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



78, 38.284, 104.751



55, 41.873, 293.700

Rectangle

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



78, 38.284, 104.751



78, 38.284, 154.751



78, 38.284, 284.751



78, 38.284, 334.751

Sweetspot

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



78, 38.285, 104.754



99, 13.647, 107.450



60, 31.825, 19.262



53, 9.168, 107.313



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 38.285, 104.754



97, 55.865, 103.929



76, 42.190, 125.467



42, 5.751, 107.626



63, 67.433, 100.324



13, 19.386, 103.852

Inverse Universe

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



55, 41.873, 293.700



63, 62.785, 295.322



58, 44.847, 309.348



38, 5.868, 289.553



19, 93.928, 305.736



1, 20.908, 290.741

Previews

White Background



This preview shows how the CIELCh color 78, 38.284, 104.751 looks on a white background.

Color Contrast Check

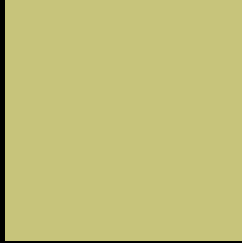
Large Text (above 18pt) WCAG AA × Fail

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 78, 38.284, 104.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

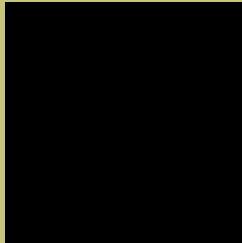
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 38.284, 104.751

Background



This preview shows how black text looks on a background with the CIELCh color 78, 38.284, 104.751.



This preview shows how white text looks on a background with the CIELCh color 78, 38.284, 104.751.

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
78, 38.284, 104.751

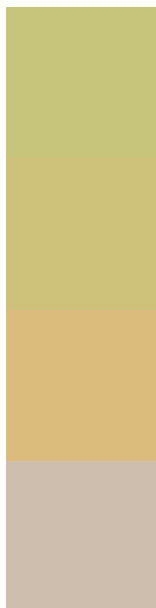
Protanopia
78, 38.068, 95.885

Deuteranopia
78, 37.377, 74.324



Tritanopia
78, 10.793, 336.345

Trichromacy



Original Color
78, 38.284, 104.751

Protanomaly
78, 38.174, 99.088

Deuteranomaly
78, 36.193, 85.154

Tritanomaly
78, 10.771, 76.741

Monochromacy



Original Color
78, 38.284, 104.751

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 14.404, 107.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 38.284, 104.751 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(199, 196, 123)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 123)  
}
```

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(199, 196, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 38.284, 104.751 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(199, 196, 123) }
```

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

```
.border{ border-color:rgb(199, 196, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 123);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 38.284, 104.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 123) }
```

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

```
.background{ background-color: rgb(199,  
196, 123) }
```

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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