

Converting Colors

CIELCh(78, 37.746, 104.501)

Have a look what the booklet for
CIELCh(78, 37.746, 104.501)
contains.

CIELCh(78, 37.796, 104.147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 37.796, 104.147)

Conversions

Conversions Part 1

Format	Color
Hex	C8C47C
RGB	200, 196, 124
RGB Percent	78%, 77%, 49%
CMY	0.2157, 0.2314, 0.5137
CMYK	0.00, 0.02, 0.38, 0.22
HSL	57°, 41%, 64%
HSV	57°, 38%, 78%
XYZ	47.1953, 53.2120, 26.8511
YIQ	188.9880, 25.4960, -21.5440

Conversions

Conversions Part 2

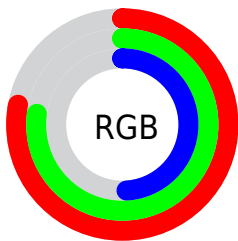
Format	Color
RYB	128, 200, 124
Decimal	13157500
CIELab	78.00, -9.24, 36.65
CIELCh	78, 37.796, 104.147
Yxy	53.2120, 0.3709, 0.4181
Android (android.graphics.Color)	4291347580 (0xFFC8C47C)
YUV	188.9880, -32.0391, 9.6575
Hunter-Lab	72.9466, -12.1697, 29.2383

Details

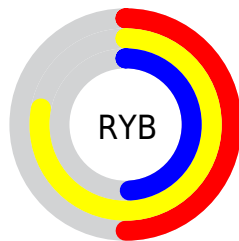
The CIELCh color **78, 37.796, 104.147** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56, 41.211, 293.152**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 38.194, 106.084**, and **58, 37.415, 103.690** is the 20% darker color. If you saturate the color by 10%, you get **77, 47.227, 103.163**, and if you desaturate by 10%, it is **79, 28.030, 105.162**.

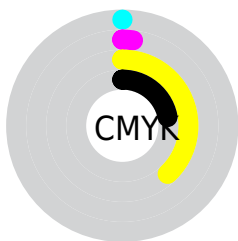
Distribution



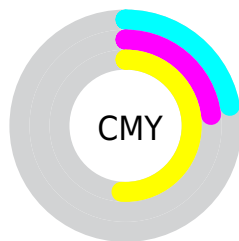
- Red (78%)
- Green (77%)
- Blue (49%)



- Red (50%)
- Yellow (78%)
- Blue (49%)



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





- Cyan (22%)
- Magenta (23%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 37.796, 104.147 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, 37.796, 104.147 by changing the saturation by 10% instead.


 78, 37.796,
104.147


 78, 37.796,
104.147


 100, 37.796,
104.147


 68, 37.796,
104.147


 98, 37.796,
104.147

 58, 37.796,
104.147

 48, 37.796,
104.147

 38, 37.796,
104.147

 28, 37.796,
104.147

 18, 37.796,
104.147

 8, 37.796, 104.147

■ 78, 37.796,
104.147

■ 78, 37.796,
104.147

■ 77, 47.227,
103.163

■ 79, 28.030,
105.162

■ 77, 56.078,
102.225

■ 79, 18.079,
106.180

■ 77, 63.985,
101.362

■ 80, 8.041, 107.186

■ 76, 70.459,
100.606

■ 81, 2.023, 288.231

■ 76, 74.966, 99.979

■ 82, 12.075,
289.159

■ 75, 77.293, 99.483

■ 82, 22.091,
290.085

■ 75, 77.655, 99.390

■ 83, 27.322,

290.214

■ 83, 26.753,
289.378

■ 84, 26.190,
288.508

Harmonies

Complementary

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



78, 37.796, 104.147



56, 41.211, 293.152

Rectangle

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



78, 37.796, 104.147



78, 37.796, 154.147



78, 37.796, 284.147



78, 37.796, 334.147

Sweetspot

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



78, 37.797, 104.150



99, 13.469, 106.871



60, 31.710, 17.979



53, 9.049, 106.733



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, 37.797, 104.150



96, 55.226, 103.293



77, 41.984, 124.851



42, 5.675, 107.049



63, 66.813, 99.443



13, 19.091, 103.096

Inverse Universe

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



56, 41.211, 293.152



64, 61.861, 294.814



58, 44.712, 308.801



39, 5.788, 288.997



19, 93.317, 305.554



2, 20.711, 290.395

Previews

White Background



This preview shows how the CIELCh color 78, 37.796, 104.147 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, 37.796, 104.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

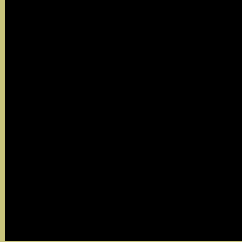
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 37.796, 104.147

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.796, 104.147.

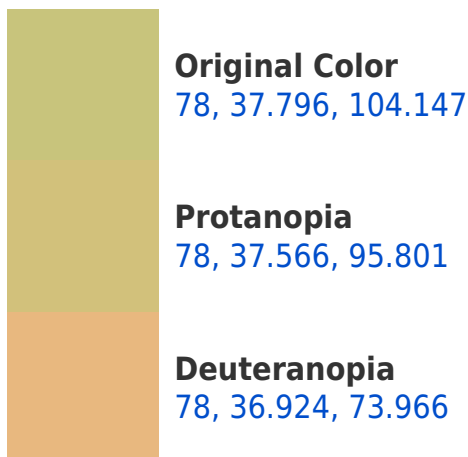



This preview shows how white text looks on a background with the CIELCh color 78, 37.796, 104.147.

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](#).

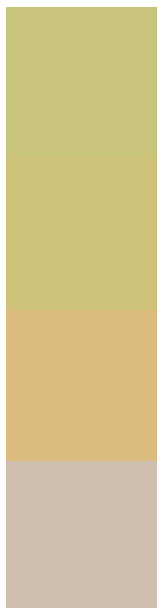
Dichromacy





Tritanopia
78, 11.060, 337.713

Trichromacy



Original Color
78, 37.796, 104.147

Protanomaly
78, 37.671, 99.044

Deuteranomaly
78, 35.706, 84.920

Tritanomaly
78, 10.989, 75.026

Monochromacy



Original Color
78, 37.796, 104.147

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, 37.796, 104.147 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(200, 196, 124)` looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 124)  
}
```

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(200, 196, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 37.796, 104.147 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(200, 196, 124) }
```

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

```
.border{ border-color:rgb(200, 196, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 196, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 124);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 37.796, 104.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 124) }
```

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

```
.background{ background-color: rgb(200,  
196, 124) }
```

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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