

Converting Colors

CIELCh(78, 32.283, 119.397)

Have a look what the booklet for
CIELCh(78, 32.283, 119.397)
contains.

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Color

CIELCh(78, 32.318, 119.393)

Conversions

Conversions Part 1

Format	Color
Hex	B7C88C
RGB	183, 200, 140
RGB Percent	72%, 78%, 55%
CMY	0.2827, 0.2160, 0.4513
CMYK	0.09, 0.00, 0.30, 0.22
HSL	77°, 35%, 67%
HSV	77°, 30%, 78%
XYZ	44.8661, 53.2120, 32.6829
YIQ	188.0770, 9.1280, -22.2640

Conversions

Conversions Part 2

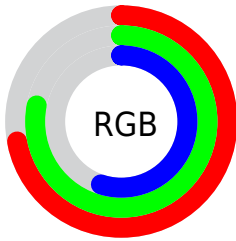
Format	Color
RYB	140, 200, 157
Decimal	12044428
CIELab	78.00, -15.86, 28.16
CIELCh	78, 32.318, 119.393
Yxy	53.2120, 0.3431, 0.4069
Android (android.graphics.Color)	4290234508 (0xFFB7C88C)
YUV	188.0770, -23.7020, -4.4525
Hunter-Lab	72.9466, -17.8694, 24.4984

Details

The CIELCh color **78, 32.318, 119.393** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 34.362, 303.276**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 31.375, 118.890**, and **58, 32.429, 119.534** is the 20% darker color. If you saturate the color by 10%, you get **77, 42.750, 118.817**, and if you desaturate by 10%, it is **79, 21.646, 119.996**.

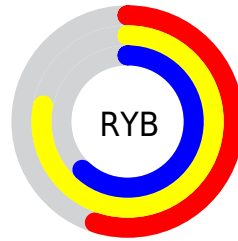
Distribution



Red (72%)

Green (78%)

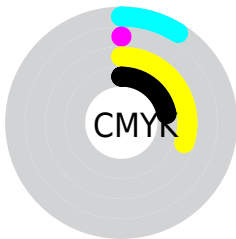
Blue (55%)



Red (55%)

Yellow (78%)

Blue (62%)

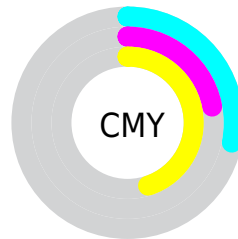


Cyan (9%)

Magenta (0%)

Yellow (30%)

Black (22%)



Cyan (28%)


Magenta (22%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 32.318, 119.393 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, 32.318, 119.393 by changing the saturation by 10% instead.


 78, 32.318,
119.393


 78, 32.318,
119.393


 100, 32.318,
119.393


 68, 32.318,
119.393


 98, 32.318,
119.393

 58, 32.318,
119.393

 48, 32.318,
119.393

 38, 32.318,
119.393

 28, 32.318,
119.393

 18, 32.318,
119.393

 8, 32.318, 119.393

0, 32.318, 119.393

78, 32.318,
119.393

78, 32.318,
119.393

77, 42.750,
118.817

79, 21.646,
119.996

77, 52.760,
118.299

80, 10.847,
120.597

76, 62.084,
117.897

81, 0.004, 132.163

76, 70.351,
117.688

82, 10.827,
301.728

75, 77.087,
117.776

83, 21.606,
302.254

75, 81.839,
118.265

84, 29.795,
303.503

■ 74, 84.710,
119.142

■ 84, 30.204,
307.071

■ 84, 30.724,
310.571

■ 85, 31.350,
313.982

Harmonies

Complementary

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



78, 32.318, 119.393



62, 34.362, 303.276

Rectangle

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



78, 32.318, 119.393



78, 32.318, 169.393



78, 32.318, 299.393



78, 32.318, 349.393

Sweetspot

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



78, 32.320, 119.395



99, 11.880, 120.650



68, 20.196, 47.958



53, 8.255, 120.562



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, 32.320, 119.395



96, 47.016, 119.015



76, 36.722, 136.764



42, 6.118, 120.635



62, 72.777, 118.936



12, 21.245, 121.939

Inverse Universe

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



62, 34.362, 303.276



72, 50.773, 303.838



65, 37.274, 319.620



39, 6.235, 301.744



21, 93.150, 308.199



2, 21.783, 299.164

Previews

White Background



This preview shows how the CIELCh color 78, 32.318, 119.393 looks on a white background.

Color Contrast Check

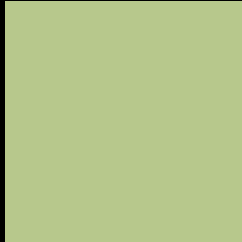
Large Text (above 18pt) WCAG AA × Fail

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, 32.318, 119.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

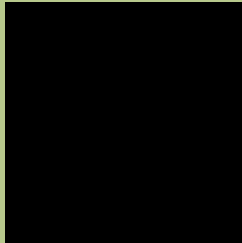
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 32.318, 119.393

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.318, 119.393.



This preview shows how white text looks on a background with the CIELCh color 78, 32.318, 119.393.

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, 32.318, 119.393

Protanopia
78, 29.905, 94.743

Deuteranopia
78, 28.611, 70.789



Tritanopia
78, 8.595, 293.342

Trichromacy



Original Color
78, 32.318, 119.393

Protanomaly
78, 30.147, 104.276

Deuteranomaly
78, 26.991, 89.214

Tritanomaly
78, 6.177, 127.225

Monochromacy



Original Color
78, 32.318, 119.393

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 11.470, 120.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.318, 119.393 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(183, 200, 140)` looks like.

```
.text, #text, p{  
    color:rgb(183, 200, 140)  
}
```

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(183, 200, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 200, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.318, 119.393 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(183, 200, 140) }
```

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

```
.border{ border-color:rgb(183, 200, 140) }
```

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

Here you see how a box with a 4 pixel rgb(183, 200, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 200, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 200, 140);  
box-shadow:4px 4px 4px 4px rgb(183, 200,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.318, 119.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 200, 140) }
```

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

```
.background{ background-color: rgb(183,  
200, 140) }
```

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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