

Converting Colors

CIELCh(77, 32.696, 123.119)

Have a look what the booklet for
CIELCh(77, 32.696, 123.119)
contains.

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Color

CIELCh(77, 32.381, 122.958)

Conversions

Conversions Part 1

Format	Color
Hex	B0C68B
RGB	176, 198, 139
RGB Percent	69%, 78%, 55%
CMY	0.3095, 0.2232, 0.4546
CMYK	0.11, 0.00, 0.30, 0.22
HSL	82°, 34%, 66%
HSV	82°, 30%, 78%
XYZ	42.8017, 51.5317, 32.1468
YIQ	184.6960, 5.8270, -23.0130

Conversions

Conversions Part 2

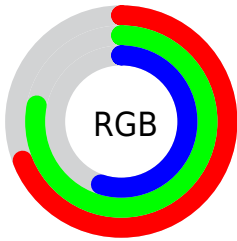
Format	Color
RYB	139, 198, 161
Decimal	11585163
CIELab	77.00, -17.62, 27.17
CIElCh	77, 32.381, 122.958
Yxy	51.5317, 0.3384, 0.4074
Android (android.graphics.Color)	4289775243 (0xFFB0C68B)
YUV	184.6960, -22.5281, -7.6264
Hunter-Lab	71.7856, -19.1953, 23.6989

Details

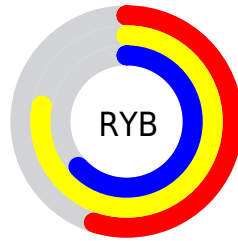
The CIELCh color **77, 32.381, 122.958** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 34.158, 306.268**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 32.502, 123.157**, and **57, 32.439, 122.619** is the 20% darker color. If you saturate the color by 10%, you get **76, 42.957, 122.445**, and if you desaturate by 10%, it is **78, 21.585, 123.493**.

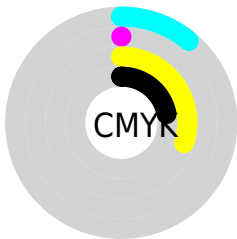
Distribution



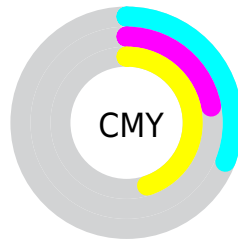
- Red (69%)
- Green (78%)
- Blue (55%)



- Red (55%)
- Yellow (78%)
- Blue (63%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 32.381, 122.958 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, 32.381, 122.958 by changing the saturation by 10% instead.


 77, 32.381,
122.958

 77, 32.381,
122.958


 100, 32.381,
122.958


 67, 32.381,
122.958


 97, 32.381,
122.958

 57, 32.381,
122.958

 47, 32.381,
122.958

 37, 32.381,
122.958

 27, 32.381,
122.958

 17, 32.381,
122.958

 7, 32.381, 122.958

0, 32.381, 122.958

77, 32.381,
122.958

77, 32.381,
122.958

76, 42.957,
122.445

78, 21.585,
123.493

75, 53.134,
121.987

79, 10.683,
124.023

75, 62.655,
121.643

80, 0.241, 304.214

74, 71.155,
121.498

81, 11.129,
304.993

74, 78.174,
121.664

82, 21.941,
305.441

73, 83.260,
122.257

83, 31.153,
306.456

■ 73, 86.482,
123.265

■ 84, 31.816,
310.871

■ 73, 86.545,
123.287

■ 85, 32.654,
315.144

■ 85, 33.658,
319.240

Harmonies

Complementary

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



77, 32.381, 122.958



62, 34.158, 306.268

Rectangle

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



77, 32.381, 122.958



77, 32.381, 172.958



77, 32.381, 302.958



77, 32.381, 352.958

Sweetspot

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



77, 32.383, 122.960



99, 12.057, 124.057



69, 19.604, 57.193



53, 8.379, 123.980



0, 0.000, 0.000



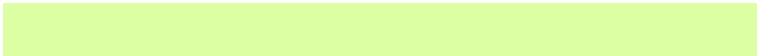
53, 0.007, 296.813

Same Dimension

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



77, 32.383, 122.960



96, 47.840, 122.609



75, 37.140, 139.064



42, 6.210, 124.044



61, 74.829, 123.062



12, 21.858, 126.204

Inverse Universe

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



62, 34.158, 306.268



73, 51.171, 306.742



65, 37.449, 322.147



39, 6.315, 304.996



22, 91.650, 309.498



2, 21.962, 301.682

Previews

White Background



This preview shows how the CIELCh color 77, 32.381, 122.958 looks on a white background.

Color Contrast Check

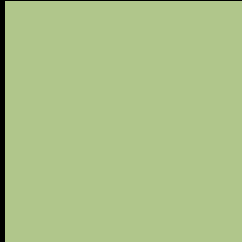
Large Text (above 18pt) WCAG AA × Fail

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, 32.381, 122.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

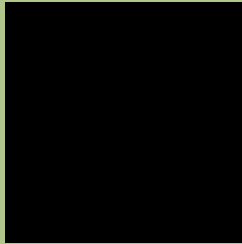
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 32.381, 122.958

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.381, 122.958.



This preview shows how white text looks on a background with the CIELCh color 77, 32.381, 122.958.

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](#).

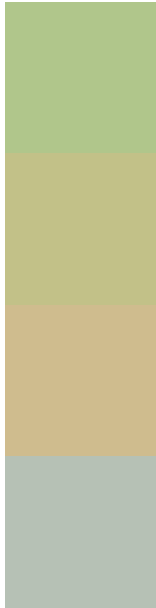
Dichromacy





Tritanopia
77, 8.217, 278.463

Trichromacy



Original Color
77, 32.381, 122.958

Protanomaly
77, 30.159, 106.569

Deuteranomaly
77, 25.765, 90.316

Tritanomaly
77, 7.657, 141.894

Monochromacy



Original Color
77, 32.381, 122.958

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 12.197, 123.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.381, 122.958 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(176, 198, 139)` looks like.

```
.text, #text, p{  
    color:rgb(176, 198, 139)  
}
```

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(176, 198, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 198, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.381, 122.958 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(176, 198, 139) }
```

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

```
.border{ border-color:rgb(176, 198, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 198, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 198, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 198, 139); box-shadow:4px 4px 4px 4px rgb(176, 198, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.381, 122.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 198, 139) }
```

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

```
.background{ background-color: rgb(176,  
198, 139) }
```

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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