

Converting Colors

CIELCh(77, 32.965, 123.366)

Have a look what the booklet for
CIELCh(77, 32.965, 123.366)
contains.

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Color

CIELCh(77, 32.994, 123.335)

Conversions

Conversions Part 1

Format	Color
Hex	AFC68A
RGB	175, 198, 138
RGB Percent	69%, 78%, 54%
CMY	0.3125, 0.2222, 0.4576
CMYK	0.12, 0.00, 0.30, 0.22
HSL	83°, 35%, 66%
HSV	83°, 30%, 78%
XYZ	42.6293, 51.5317, 31.8611
YIQ	184.2830, 5.5520, -23.5360

Conversions

Conversions Part 2

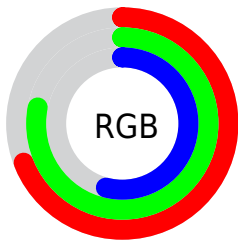
Format	Color
RYB	138, 198, 161
Decimal	11519626
CIELab	77.00, -18.13, 27.57
CIELCh	77, 32.994, 123.335
Yxy	51.5317, 0.3383, 0.4089
Android (android.graphics.Color)	4289709706 (0xFFAFC68A)
YUV	184.2830, -22.8175, -8.1412
Hunter-Lab	71.7856, -19.6240, 23.9348

Details

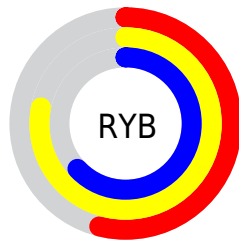
The CIELCh color **77, 32.994, 123.335** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 34.805, 306.649**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 33.088, 123.519**, and **57, 33.079, 123.012** is the 20% darker color. If you saturate the color by 10%, you get **76, 43.594, 122.829**, and if you desaturate by 10%, it is **78, 22.169, 123.864**.

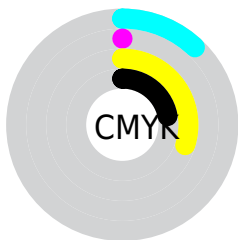
Distribution



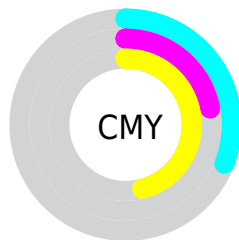
- Red (69%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (78%)
- Blue (63%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)





- Cyan (31%)
- Magenta (22%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 32.994, 123.335 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, 32.994, 123.335 by changing the saturation by 10% instead.


 77, 32.994,
123.335


 77, 32.994,
123.335


 100, 32.994,
123.335


 67, 32.994,
123.335


 97, 32.994,
123.335

 57, 32.994,
123.335

 47, 32.994,
123.335

 37, 32.994,
123.335

 27, 32.994,
123.335

 17, 32.994,
123.335

 7, 32.994, 123.335

0, 32.994, 123.335

77, 32.994,
123.335

77, 32.994,
123.335

76, 43.594,
122.829

78, 22.169,
123.864

75, 53.786,
122.380

79, 11.235,
124.387

75, 63.307,
122.047

80, 0.279, 125.159

74, 71.788,
121.919

81, 10.642,
305.345

74, 78.764,
122.109

82, 21.485,
305.787

73, 83.791,
122.733

84, 31.045,
306.685

■ 73, 86.924,
123.732

■ 84, 31.741,
311.240

■ 85, 32.623,
315.640

■ 85, 33.680,
319.846

Harmonies

Complementary

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



77, 32.994, 123.335



62, 34.805, 306.649

Rectangle

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



77, 32.994, 123.335



77, 32.994, 173.335



77, 32.994, 303.335



77, 32.994, 353.335

Sweetspot

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



77, 32.996, 123.337



99, 12.081, 124.446



69, 19.977, 59.011



53, 8.396, 124.369



0, 0.000, 0.000



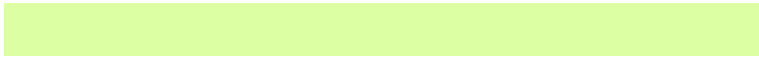
53, 0.007, 296.813

Same Dimension

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



77, 32.996, 123.337



96, 47.947, 123.014



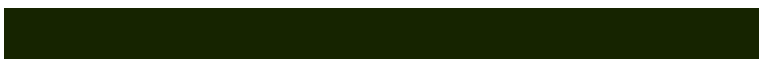
75, 37.966, 139.467



42, 6.222, 124.433



61, 75.083, 123.504



12, 21.936, 126.670

Inverse Universe

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



62, 34.805, 306.649



73, 51.225, 307.081



65, 38.239, 322.668



39, 6.326, 305.370



23, 91.462, 309.674



2, 21.987, 302.000

Previews

White Background



This preview shows how the CIELCh color 77, 32.994, 123.335 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, 32.994, 123.335 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, 32.994, 123.335

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.994, 123.335.



This preview shows how white text looks on a background with the CIELCh color 77, 32.994, 123.335.

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](#).

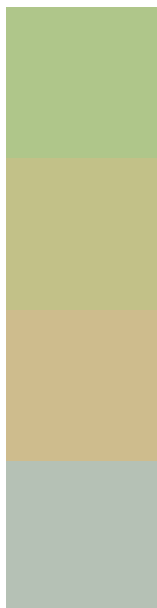
Dichromacy





Tritanopia
77, 8.217, 278.463

Trichromacy



Original Color
77, 32.994, 123.335

Protanomaly
77, 30.159, 106.569

Deuteranomaly
77, 26.147, 91.448

Tritanomaly
77, 7.867, 144.120

Monochromacy



Original Color
77, 32.994, 123.335

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 12.304, 125.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.994, 123.335 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(175, 198, 138)` looks like.

```
.text, #text, p{  
    color:rgb(175, 198, 138)  
}
```

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(175, 198, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 198, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.994, 123.335 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(175, 198, 138) }
```

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

```
.border{ border-color:rgb(175, 198, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 198, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 198, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 198, 138);  
box-shadow:4px 4px 4px 4px rgb(175, 198,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.994, 123.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 198, 138) }
```

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

```
.background{ background-color: rgb(175,  
198, 138) }
```

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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