

Converting Colors

CIELCh(77, 36.075, 128.303)

Have a look what the booklet for
CIELCh(77, 36.075, 128.303)
contains.

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Color

CIELCh(77, 35.738, 128.449)

Conversions

Conversions Part 1

Format	Color
Hex	A7C889
RGB	167, 200, 137
RGB Percent	65%, 78%, 54%
CMY	0.3438, 0.2143, 0.4615
CMYK	0.16, 0.00, 0.31, 0.21
HSL	91°, 37%, 66%
HSV	91°, 31%, 79%
XYZ	41.2768, 51.5317, 31.5575
YIQ	182.9510, 0.5550, -26.5890

Conversions

Conversions Part 2

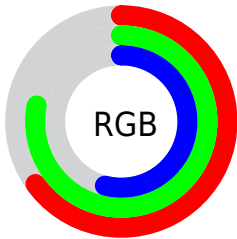
Format	Color
RYB	137, 200, 170
Decimal	10995849
CIELab	77.00, -22.22, 27.99
CIElCh	77, 35.738, 128.449
Yxy	51.5317, 0.3319, 0.4144
Android (android.graphics.Color)	4289185929 (0xFFA7C889)
YUV	182.9510, -22.6538, -13.9890
Hunter-Lab	71.7856, -22.9871, 24.1856

Details

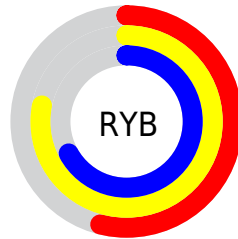
The CIELCh color **77, 35.738, 128.449** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 37.255, 311.384**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 34.535, 127.900**, and **57, 35.987, 128.369** is the 20% darker color. If you saturate the color by 10%, you get **76, 46.816, 127.975**, and if you desaturate by 10%, it is **78, 24.435, 128.935**.

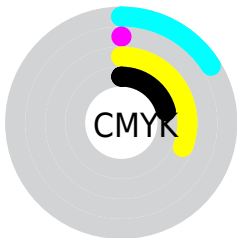
Distribution



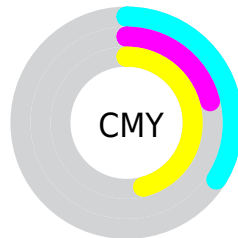
- Red (65%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (78%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (21%)



- Cyan (34%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.738, 128.449 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, 35.738, 128.449 by changing the saturation by 10% instead.

 77, 35.738,
128.449

 77, 35.738,
128.449

 100, 35.738,
128.449

 67, 35.738,
128.449

 97, 35.738,
128.449

 57, 35.738,
128.449

 47, 35.738,
128.449

 37, 35.738,
128.449

 27, 35.738,
128.449

 17, 35.738,
128.449

 7, 35.738, 128.449

77, 35.738,
128.449

77, 35.738,
128.449

76, 46.816,
127.975

78, 24.435,
128.935

75, 57.465,
127.547

79, 13.038,
129.406

74, 67.403,
127.233

81, 1.646, 129.911

82, 9.673, 310.224

74, 76.238,
127.126

83, 20.871,
310.597

73, 83.491,
127.350

85, 30.671,
311.698

73, 88.722,
128.025

86, 31.979,

■ 72, 91.743,
128.899

317.911

■ 87, 33.624,
323.687

■ 87, 34.281,
325.617

Harmonies

Complementary

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



77, 35.738, 128.449



62, 37.255, 311.384

Rectangle

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



77, 35.738, 128.449



77, 35.738, 178.449



77, 35.738, 308.449



77, 35.738, 358.449

Sweetspot

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



77, 35.740, 128.450



99, 12.449, 129.514



71, 21.852, 73.236



52, 8.654, 129.446



0, 0.000, 0.000



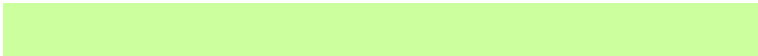
53, 0.007, 296.813

Same Dimension

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



77, 35.740, 128.450



95, 52.309, 128.111



75, 40.822, 142.661



41, 6.412, 129.502



60, 78.597, 128.657



12, 23.072, 132.292

Inverse Universe

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



62, 37.255, 311.384



73, 55.095, 311.752



65, 40.809, 326.597



39, 6.495, 310.293



26, 88.819, 312.558



2, 22.469, 306.797

Previews

White Background



This preview shows how the CIELCh color 77, 35.738, 128.449 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, 35.738, 128.449 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, 35.738, 128.449

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.738, 128.449.

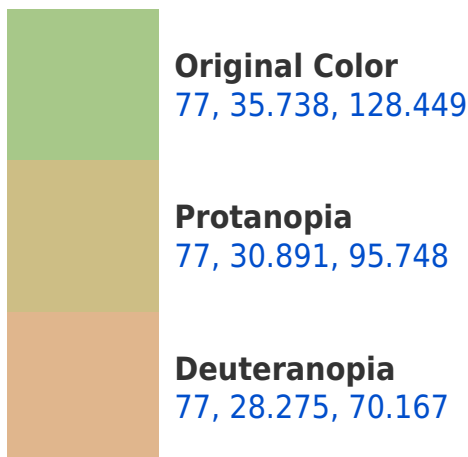


This preview shows how white text looks on a background with the CIELCh color 77, 35.738, 128.449.

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, 9.323, 259.214

Trichromacy



Original Color
77, 35.738, 128.449

Protanomaly
77, 31.196, 109.496

Deuteranomaly
77, 26.719, 95.344

Tritanomaly
77, 10.482, 156.975

Monochromacy



Original Color
77, 35.738, 128.449

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 13.202, 129.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.738, 128.449 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(167, 200, 137)` looks like.

```
.text, #text, p{  
    color:rgb(167, 200, 137)  
}
```

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(167, 200, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 200, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.738, 128.449 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(167, 200, 137) }
```

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

```
.border{ border-color:rgb(167, 200, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 200, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 200, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 200, 137); box-shadow:4px 4px 4px 4px rgb(167, 200, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.738, 128.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 200, 137) }
```

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

```
.background{ background-color: rgb(167,  
200, 137) }
```

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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