

Converting Colors

CIELCh(77, 41.827, 128.313)

Have a look what the booklet for
CIELCh(77, 41.827, 128.313)
contains.

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Color

CIELCh(77, 41.827, 128.313)

Conversions

Conversions Part 1

Format	Color
Hex	A3CA80
RGB	163, 202, 128
RGB Percent	64%, 79%, 50%
CMY	0.3611, 0.2082, 0.4984
CMYK	0.19, 0.00, 0.37, 0.21
HSL	92°, 41%, 65%
HSV	92°, 37%, 79%
XYZ	40.0759, 51.5317, 28.2270
YIQ	181.9030, 0.5100, -31.2820

Conversions

Conversions Part 2

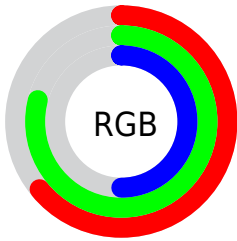
Format	Color
RYB	128, 202, 167
Decimal	10734208
CIELab	77.00, -25.93, 32.82
CIELCh	77, 41.827, 128.313
Yxy	51.5317, 0.3344, 0.4300
Android (android.graphics.Color)	4288924288 (0xFFA3CA80)
YUV	181.9030, -26.5742, -16.5779
Hunter-Lab	71.7856, -25.9734, 26.9364

Details

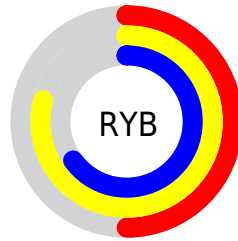
The CIELCh color **77, 41.827, 128.313** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 43.916, 311.761**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 39.285, 127.481**, and **57, 41.757, 128.421** is the 20% darker color. If you saturate the color by 10%, you get **76, 52.792, 127.857**, and if you desaturate by 10%, it is **78, 30.540, 128.798**.

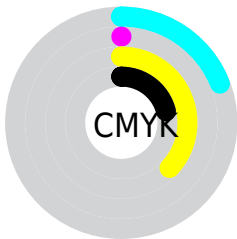
Distribution



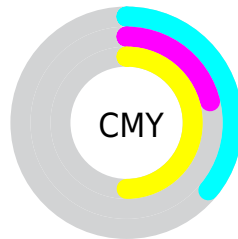
- Red (64%)
- Green (79%)
- Blue (50%)



- Red (50%)
- Yellow (79%)
- Blue (65%)



- Cyan (19%)
- Magenta (0%)
- Yellow (37%)
- Black (21%)





- Cyan (36%)
- Magenta (21%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 41.827, 128.313 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, 41.827, 128.313 by changing the saturation by 10% instead.


 77, 41.827,
128.313


 77, 41.827,
128.313


 100, 41.827,
128.313


 67, 41.827,
128.313


 97, 41.827,
128.313

 57, 41.827,
128.313

 47, 41.827,
128.313

 37, 41.827,
128.313

 27, 41.827,
128.313

 17, 41.827,
128.313

 7, 41.827, 128.313

■ 0, 41.827, 128.313

■ 77, 41.827,
128.313

■ 77, 41.827,
128.313

■ 76, 52.792,
127.857

■ 78, 30.540,
128.798

■ 75, 63.189,
127.477

■ 79, 19.094,
129.278

■ 74, 72.677,
127.255

■ 80, 7.608, 129.742

■ 74, 80.808,
127.302

■ 82, 3.838, 310.113

■ 73, 87.094,
127.748

■ 83, 15.183,
310.522

■ 73, 91.247,
128.671

■ 85, 26.386,
310.872

■ 86, 30.531,

■ 73, 92.384,
129.009

315.621

■ 87, 32.093,
321.818

■ 87, 33.294,
325.583

Harmonies

Complementary

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



77, 41.827, 128.313



60, 43.916, 311.761

Rectangle

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



77, 41.827, 128.313



77, 41.827, 178.313



77, 41.827, 308.313



77, 41.827, 358.313

Sweetspot

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



77, 41.829, 128.314



98, 15.236, 129.534



70, 25.916, 72.566



52, 10.240, 129.471



0, 0.000, 0.000



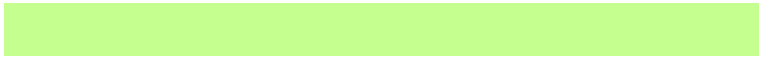
53, 0.007, 296.813

Same Dimension

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



77, 41.829, 128.314



94, 60.313, 127.946



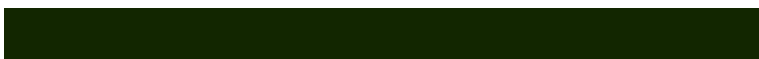
75, 47.716, 142.177



42, 6.552, 129.615



61, 79.599, 128.779



13, 24.767, 131.419

Inverse Universe

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



60, 43.916, 311.761



69, 64.072, 312.168



63, 47.657, 326.869



40, 6.637, 310.406



26, 89.788, 312.623



3, 24.679, 307.670

Previews

White Background



This preview shows how the CIELCh color 77, 41.827, 128.313 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, 41.827, 128.313 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, 41.827, 128.313

Background



This preview shows how black text looks on a background with the CIELCh color 77, 41.827, 128.313.



This preview shows how white text looks on a background with the CIELCh color 77, 41.827, 128.313.

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
77, 41.827, 128.313

Protanopia
77, 36.064, 96.114

Deuteranopia
77, 32.664, 72.346



Tritanopia
77, 9.875, 254.052

Trichromacy



Original Color
77, 41.827, 128.313

Protanomaly
77, 36.337, 109.366

Deuteranomaly
77, 31.346, 96.598

Tritanomaly
77, 13.449, 152.617

Monochromacy



Original Color
77, 41.827, 128.313

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 15.491, 129.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 41.827, 128.313 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(163, 202, 128)` looks like.

```
.text, #text, p{  
    color:rgb(163, 202, 128)  
}
```

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(163, 202, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 202, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 41.827, 128.313 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(163, 202, 128) }
```

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

```
.border{ border-color:rgb(163, 202, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 202, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 202, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 202, 128); box-shadow:4px 4px 4px 4px rgb(163, 202, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 41.827, 128.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 202, 128) }
```

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

```
.background{ background-color: rgb(163,  
202, 128) }
```

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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