

Converting Colors

CIELCh(77, 33.973, 139.974)

Have a look what the booklet for
CIELCh(77, 33.973, 139.974)
contains.

CIELCh(77, 33.670, 140.331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 33.670, 140.331)

Conversions

Conversions Part 1

Format	Color
Hex	9ACA95
RGB	154, 202, 149
RGB Percent	60%, 79%, 58%
CMY	0.3945, 0.2062, 0.4141
CMYK	0.24, 0.00, 0.26, 0.21
HSL	114°, 34%, 69%
HSV	114°, 26%, 79%
XYZ	40.0802, 51.5317, 36.4353
YIQ	181.6060, -11.5950, -26.6590

Conversions

Conversions Part 2

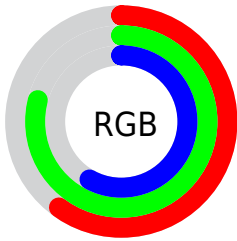
Format	Color
RYB	149, 202, 197
Decimal	10144405
CIELab	77.00, -25.92, 21.49
CIElCh	77, 33.670, 140.331
Yxy	51.5317, 0.3130, 0.4024
Android (android.graphics.Color)	4288334485 (0xFF9ACA95)
YUV	181.6060, -16.0748, -24.2105
Hunter-Lab	71.7856, -25.9625, 20.1569

Details

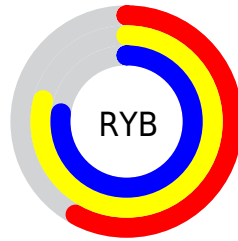
The CIELCh color **77, 33.670, 140.331** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 33.847, 323.137**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 31.391, 140.150**, and **57, 33.746, 140.187** is the 20% darker color. If you saturate the color by 10%, you get **76, 46.379, 139.578**, and if you desaturate by 10%, it is **79, 20.783, 140.997**.

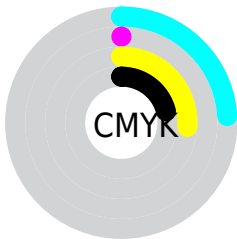
Distribution



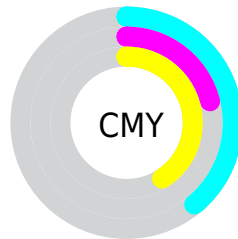
- Red (60%)
- Green (79%)
- Blue (58%)



- Red (58%)
- Yellow (79%)
- Blue (77%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 33.670, 140.331 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, 33.670, 140.331 by changing the saturation by 10% instead.


 77, 33.670,
140.331


 77, 33.670,
140.331


 100, 33.670,
140.331


 67, 33.670,
140.331


 97, 33.670,
140.331

 57, 33.670,
140.331

 47, 33.670,
140.331

 37, 33.670,
140.331

 27, 33.670,
140.331

 17, 33.670,
140.331

 7, 33.670, 140.331

■ 0, 33.670, 140.331

■ 77, 33.670,
140.331

■ 77, 33.670,
140.331

■ 76, 46.379,
139.578

■ 79, 20.783,
140.997

■ 74, 58.649,
138.745

■ 80, 7.903, 141.588

■ 73, 70.146,
137.865

■ 82, 4.830, 321.999

■ 84, 17.319,
322.451

■ 73, 80.444,
137.003

■ 86, 29.503,
322.811

■ 72, 89.028,
136.266

■ 87, 32.972,
325.571

■ 72, 95.365,
135.788

■ 71, 99.123,
135.665

■ 71, 100.109,
135.621

Harmonies

Complementary

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



77, 33.670, 140.331



68, 33.847, 323.137

Rectangle

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



77, 33.670, 140.331



77, 33.670, 190.331



77, 33.670, 320.331



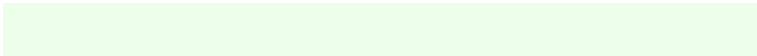
77, 33.670, 10.331

Sweetspot

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



77, 33.672, 140.332



98, 12.328, 141.478



79, 25.314, 103.037



52, 8.771, 141.390



0, 0.000, 0.000



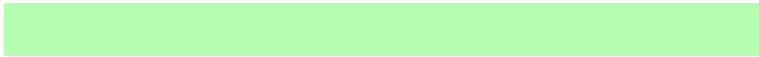
53, 0.007, 296.813

Same Dimension

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



77, 33.672, 140.332



94, 48.015, 139.948



77, 25.906, 156.425



42, 7.300, 141.404



59, 86.200, 135.543



12, 27.898, 141.056

Inverse Universe

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



68, 33.847, 323.137



81, 48.289, 323.384



68, 26.400, 340.736



40, 7.323, 322.308



36, 84.224, 324.596



4, 28.087, 323.831

Previews

White Background



This preview shows how the CIELCh color 77, 33.670, 140.331 looks on a white background.

Color Contrast Check

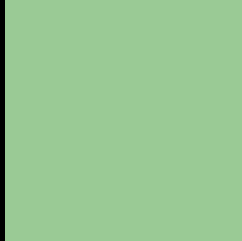
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 77, 33.670, 140.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

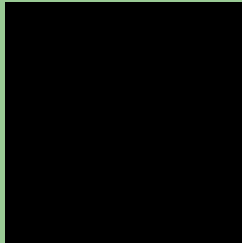
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 33.670, 140.331

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.670, 140.331.



This preview shows how white text looks on a background with the CIELCh color 77, 33.670, 140.331.

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, 33.670, 140.331

Protanopia
77, 25.173, 94.784

Deuteranopia
77, 21.658, 63.550



Tritanopia
77, 12.895, 240.865

Trichromacy



Original Color
77, 33.670, 140.331

Protanomaly
77, 26.249, 115.595

Deuteranomaly
76, 19.944, 100.261

Tritanomaly
77, 13.824, 177.847

Monochromacy



Original Color
77, 33.670, 140.331

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 12.121, 141.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.670, 140.331 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(154, 202, 149)` looks like.

```
.text, #text, p{  
    color:rgb(154, 202, 149)  
}
```

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(154, 202, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 202, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.670, 140.331 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(154, 202, 149) }
```

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

```
.border{ border-color:rgb(154, 202, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 202, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 202, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 202, 149); box-shadow:4px 4px 4px 4px rgb(154, 202, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.670, 140.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 202, 149) }
```

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

```
.background{ background-color: rgb(154,  
202, 149) }
```

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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