

Converting Colors

CIELCh(77, 55.365, 132.640)

Have a look what the booklet for
CIELCh(77, 55.365, 132.640)
contains.

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Color

CIELCh(77, 55.336, 132.639)

Conversions

Conversions Part 1

Format	Color
Hex	8FCF70
RGB	143, 207, 112
RGB Percent	56%, 81%, 44%
CMY	0.4399, 0.1889, 0.5614
CMYK	0.31, 0.00, 0.46, 0.19
HSL	100°, 50%, 62%
HSV	100°, 46%, 81%
XYZ	36.4844, 51.5317, 23.3063
YIQ	177.0340, -7.6490, -43.1130

Conversions

Conversions Part 2

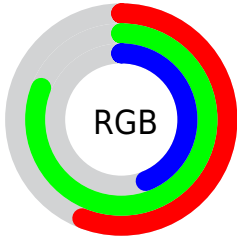
Format	Color
RYB	112, 207, 176
Decimal	9424752
CIELab	77.00, -37.48, 40.71
CIELCh	77, 55.336, 132.639
Yxy	51.5317, 0.3277, 0.4629
Android (android.graphics.Color)	4287614832 (0xFF8FCF70)
YUV	177.0340, -32.0618, -29.8478
Hunter-Lab	71.7856, -34.9038, 31.0005

Details

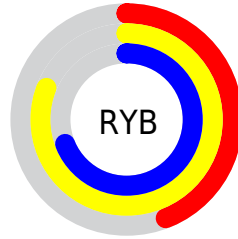
The CIELCh color **77, 55.336, 132.639** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **57, 57.464, 316.845**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 50.023, 131.558**, and **57, 55.399, 132.552** is the 20% darker color. If you saturate the color by 10%, you get **76, 66.470, 132.144**, and if you desaturate by 10%, it is **78, 43.613, 133.176**.

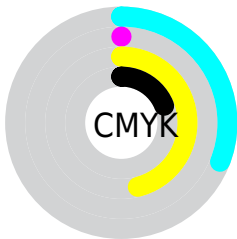
Distribution



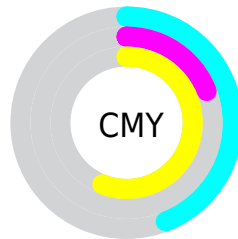
- Red (56%)
- Green (81%)
- Blue (44%)



- Red (44%)
- Yellow (81%)
- Blue (69%)



- Cyan (31%)
- Magenta (0%)
- Yellow (46%)
- Black (19%)





- Cyan (44%)
- Magenta (19%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 55.336, 132.639 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, 55.336, 132.639 by changing the saturation by 10% instead.


 77, 55.336,
132.639


 77, 55.336,
132.639


 100, 55.336,
132.639


 67, 55.336,
132.639


 97, 55.336,
132.639

 57, 55.336,
132.639

 47, 55.336,
132.639

 37, 55.336,
132.639

 27, 55.336,
132.639

 17, 55.336,
132.639

 7, 55.336, 132.639

■ 0, 55.336, 132.639

■ 77, 55.336,
132.639

■ 77, 55.336,
132.639

■ 76, 66.470,
132.144

■ 78, 43.613,
133.176

■ 75, 76.645,
131.763

■ 79, 31.561,
133.706

■ 75, 85.389,
131.607

■ 81, 19.371,
134.207

■ 74, 92.180,
131.807

■ 82, 7.177, 134.677

■ 74, 96.660,
132.450

■ 84, 4.924, 315.022

■ 73, 98.055,
132.749

■ 85, 16.865,
315.406

■ 87, 27.834,

316.426

■ 88, 30.077,
325.081

■ 88, 30.203,
325.476

Harmonies

Complementary

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



77, 55.336, 132.639



57, 57.464, 316.845

Rectangle

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



77, 55.336, 132.639



77, 55.336, 182.639



77, 55.336, 312.639



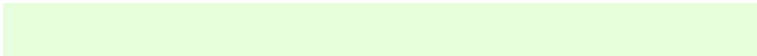
77, 55.336, 2.639

Sweetspot

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



77, 55.337, 132.640



97, 20.173, 134.291



73, 36.764, 85.083



52, 13.935, 134.187



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, 55.337, 132.640



92, 77.511, 132.155



76, 54.437, 145.487



43, 6.947, 134.514



61, 83.915, 132.553



14, 27.694, 135.034

Inverse Universe

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



57, 57.464, 316.845



64, 81.033, 317.179



60, 54.352, 332.290



41, 7.009, 315.273



30, 88.120, 316.618



4, 28.087, 314.778

Previews

White Background



This preview shows how the CIELCh color 77, 55.336, 132.639 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, 55.336, 132.639 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, 55.336, 132.639

Background



This preview shows how black text looks on a background with the CIELCh color 77, 55.336, 132.639.

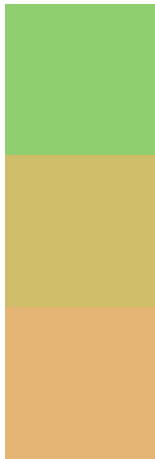


This preview shows how white text looks on a background with the CIELCh color 77, 55.336, 132.639.

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](#).

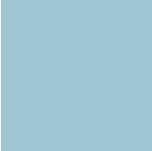
Dichromacy



Original Color
77, 55.336, 132.639

Protanopia
77, 44.310, 95.461

Deuteranopia
77, 39.793, 75.885

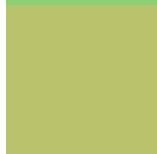


Tritanopia
77, 14.610, 232.284

Trichromacy



Original Color
77, 55.336, 132.639



Protanomaly
76, 45.500, 111.731



Deuteranomaly
76, 39.105, 101.536



Tritanomaly
77, 21.856, 159.931

Monochromacy



Original Color
77, 55.336, 132.639



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 20.865, 133.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 55.336, 132.639 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(143, 207, 112)` looks like.

```
.text, #text, p{  
    color:rgb(143, 207, 112)  
}
```

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(143, 207, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 207, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 55.336, 132.639 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(143, 207, 112) }
```

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

```
.border{ border-color:rgb(143, 207, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 207, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 207, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 207, 112);  
box-shadow:4px 4px 4px 4px rgb(143, 207,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 55.336, 132.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 207, 112) }
```

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

```
.background{ background-color: rgb(143,  
207, 112) }
```

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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