

Converting Colors

CIELCh(79, 55.031, 140.070)

Have a look what the booklet for
CIELCh(79, 55.031, 140.070)
contains.

CIELCh(79, 55.512, 140.055)	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(79, 55.512, 140.055)

Conversions

Conversions Part 1

Format	Color
Hex	84D77F
RGB	132, 215, 127
RGB Percent	52%, 84%, 50%
CMY	0.4830, 0.1576, 0.5026
CMYK	0.39, 0.00, 0.41, 0.16
HSL	117°, 52%, 67%
HSV	117°, 41%, 84%
XYZ	37.5627, 54.9284, 28.6445
YIQ	180.1510, -21.2200, -44.9640

Conversions

Conversions Part 2

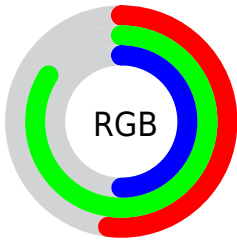
Format	Color
RYB	127, 215, 210
Decimal	8705919
CIELab	79.00, -42.56, 35.64
CIELCh	79, 55.512, 140.055
Yxy	54.9284, 0.3101, 0.4534
Android (android.graphics.Color)	4286895999 (0xFF84D77F)
YUV	180.1510, -26.2034, -42.2284
Hunter-Lab	74.1137, -39.2307, 28.9643

Details

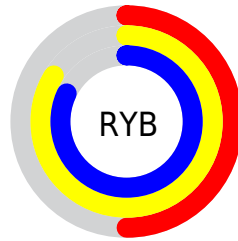
The CIELCh color **79, 55.512, 140.055** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **65, 55.643, 324.948**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 44.969, 140.094**, and **59, 55.858, 139.963** is the 20% darker color. If you saturate the color by 10%, you get **78, 68.128, 139.115**, and if you desaturate by 10%, it is **80, 42.232, 140.912**.

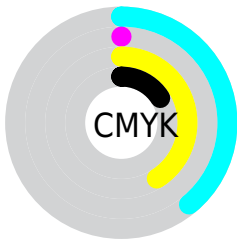
Distribution



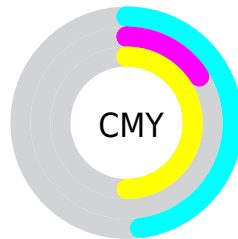
- Red (52%)
- Green (84%)
- Blue (50%)



- Red (50%)
- Yellow (84%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (41%)
- Black (16%)





- Cyan (48%)
- Magenta (16%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 55.512, 140.055 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 79, 55.512, 140.055 by changing the saturation by 10% instead.


 79, 55.512,
140.055


 79, 55.512,
140.055


 100, 55.512,
140.055


 69, 55.512,
140.055


 99, 55.512,
140.055


 59, 55.512,
140.055

 49, 55.512,
140.055

 39, 55.512,
140.055

 29, 55.512,
140.055

 19, 55.512,
140.055

 9, 55.512, 140.055

0, 55.512, 140.055

79, 55.512,
140.055

79, 55.512,
140.055

78, 68.128,
139.115

80, 42.232,
140.912

77, 79.660,
138.135

82, 28.612,
141.669

76, 89.598,
137.202

84, 14.902,
142.328

76, 97.371,
136.444

86, 1.285, 143.069

75, 102.490,
135.995

88, 12.107,
323.319

75, 104.956,
135.819

90, 24.874,
324.202

■ 90, 25.170,
325.301

Harmonies

Complementary

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



79, 55.512, 140.055



65, 55.643, 324.948

Rectangle

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



79, 55.512, 140.055



79, 55.512, 190.055



79, 55.512, 320.055



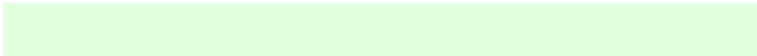
79, 55.512, 10.055

Sweetspot

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



79, 55.513, 140.055



97, 18.767, 142.256



83, 42.509, 103.146



52, 12.456, 142.173



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 55.513, 140.055



91, 75.479, 139.258



79, 40.926, 156.300



44, 7.692, 142.423



61, 88.410, 135.758



14, 31.616, 139.988

Inverse Universe

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



65, 55.643, 324.948



72, 75.508, 325.308



64, 42.265, 343.974



42, 7.711, 323.377



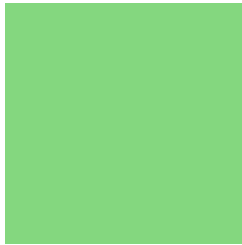
39, 85.869, 326.025



6, 32.604, 326.039

Previews

White Background



This preview shows how the CIELCh color 79, 55.512, 140.055 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 79, 55.512, 140.055 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 79, 55.512, 140.055

Background



This preview shows how black text looks on a background with the CIELCh color 79, 55.512, 140.055.

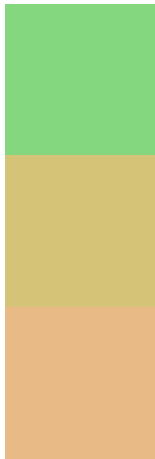


This preview shows how white text looks on a background with the CIELCh color 79, 55.512, 140.055.

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](#).

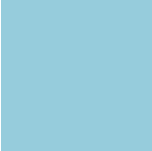
Dichromacy



Original Color
79, 55.512, 140.055

Protanopia
79, 40.582, 95.716

Deuteranopia
78, 34.526, 73.586



Tritanopia
79, 19.221, 224.882

Trichromacy



Original Color
79, 55.512, 140.055



Protanomaly
78, 42.370, 116.913



Deuteranomaly
78, 34.197, 106.995

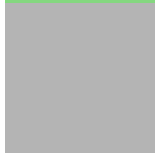


Tritanomaly
79, 25.697, 170.249

Monochromacy



Original Color
79, 55.512, 140.055



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 20.895, 142.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 55.512, 140.055 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(132, 215, 127)` looks like.

```
.text, #text, p{  
    color:rgb(132, 215, 127)  
}
```

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(132, 215, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 215, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 55.512, 140.055 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(132, 215, 127) }
```

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

```
.border{ border-color:rgb(132, 215, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 215, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 215, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 215, 127);  
box-shadow:4px 4px 4px 4px rgb(132, 215,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 55.512, 140.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 215, 127) }
```

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

```
.background{ background-color: rgb(132,  
215, 127) }
```

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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