

Converting Colors

CIELCh(79, 55.384, 136.124)

Have a look what the booklet for
CIELCh(79, 55.384, 136.124)
contains.

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Color

CIELCh(79, 55.377, 136.199)

Conversions

Conversions Part 1

Format	Color
Hex	8DD67A
RGB	141, 214, 122
RGB Percent	55%, 84%, 48%
CMY	0.4485, 0.1623, 0.5229
CMYK	0.34, 0.00, 0.43, 0.16
HSL	108°, 53%, 66%
HSV	108°, 43%, 84%
XYZ	38.3639, 54.9284, 26.8796
YIQ	181.6850, -13.9760, -44.0880

Conversions

Conversions Part 2

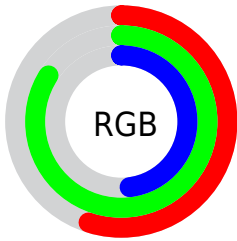
Format	Color
RYB	122, 214, 195
Decimal	9295482
CIELab	79.00, -39.97, 38.33
CIElCh	79, 55.377, 136.199
Yxy	54.9284, 0.3192, 0.4571
Android (android.graphics.Color)	4287485562 (0xFF8DD67A)
YUV	181.6850, -29.4247, -35.6807
Hunter-Lab	74.1137, -37.3009, 30.3762

Details

The CIELCh color **79, 55.377, 136.199** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **62, 56.428, 320.481**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 45.475, 135.255**, and **59, 55.564, 136.052** is the 20% darker color. If you saturate the color by 10%, you get **78, 67.386, 135.528**, and if you desaturate by 10%, it is **80, 42.781, 136.857**.

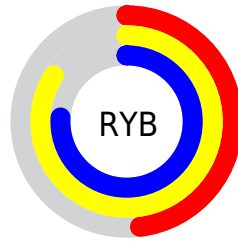
Distribution



Red (55%)

Green (84%)

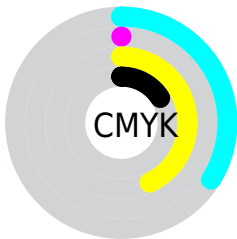
Blue (48%)



Red (48%)

Yellow (84%)

Blue (76%)

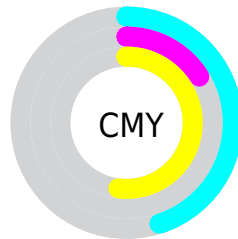


Cyan (34%)

Magenta (0%)

Yellow (43%)

Black (16%)



Cyan (45%)

Magenta (16%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 55.377, 136.199 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, 55.377, 136.199 by changing the saturation by 10% instead.


 79, 55.377,
136.199

 79, 55.377,
136.199


 100, 55.377,
136.199


 69, 55.377,
136.199


 99, 55.377,
136.199

 59, 55.377,
136.199

 49, 55.377,
136.199

 39, 55.377,
136.199

 29, 55.377,
136.199

 19, 55.377,
136.199

 9, 55.377, 136.199

0, 55.377, 136.199

79, 55.377,
136.199

79, 55.377,
136.199

78, 67.386,
135.528

80, 42.781,
136.857

77, 78.427,
134.904

82, 29.877,
137.468

76, 88.011,
134.424

83, 16.872,
138.020

76, 95.579,
134.217

85, 3.918, 138.543

75, 100.666,
134.396

87, 8.880, 318.881

75, 102.914,
134.668

89, 21.446,
319.255

90, 25.925,

Harmonies

Complementary

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



79, 55.377, 136.199



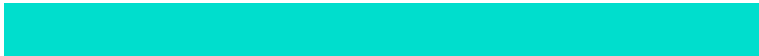
62, 56.428, 320.481

Rectangle

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



79, 55.377, 136.199



79, 55.377, 186.199



79, 55.377, 316.199



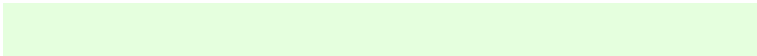
79, 55.377, 6.199

Sweetspot

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



79, 55.378, 136.200



97, 19.401, 138.015



79, 38.838, 94.197



52, 13.588, 137.897



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, 55.378, 136.200



91, 76.317, 135.563



79, 48.154, 149.800



44, 7.339, 138.207



61, 86.961, 134.520



14, 30.311, 136.977

Inverse Universe

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



62, 56.428, 320.481



68, 77.908, 320.809



63, 48.575, 336.812



42, 7.381, 319.017



34, 87.303, 320.524



5, 31.462, 320.460

Previews

White Background



This preview shows how the CIELCh color 79, 55.377, 136.199 looks on a white background.

Color Contrast Check

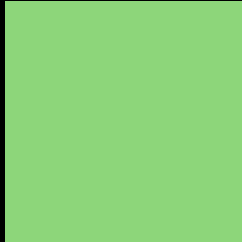
Large Text (above 18pt) WCAG AA × Fail

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, 55.377, 136.199 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, 55.377, 136.199

Background



This preview shows how black text looks on a background with the CIELCh color 79, 55.377, 136.199.

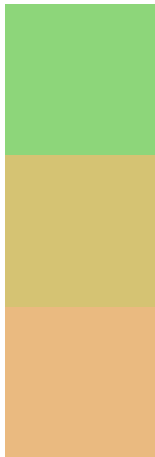


This preview shows how white text looks on a background with the CIELCh color 79, 55.377, 136.199.

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, 55.377, 136.199

Protanopia
79, 42.557, 95.987

Deuteranopia
79, 37.293, 74.374



Tritanopia
79, 17.115, 230.768

Trichromacy



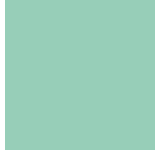
Original Color
79, 55.377, 136.199



Protanomaly
79, 44.527, 114.122



Deuteranomaly
78, 36.783, 104.180

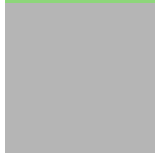


Tritanomaly
79, 22.945, 166.863

Monochromacy



Original Color
79, 55.377, 136.199



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 21.005, 137.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 55.377, 136.199 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(141, 214, 122)` looks like.

```
.text, #text, p{  
    color:rgb(141, 214, 122)  
}
```

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(141, 214, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 214, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 55.377, 136.199 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(141, 214, 122) }
```

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

```
.border{ border-color:rgb(141, 214, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 214, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 214, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 214, 122);  
box-shadow:4px 4px 4px 4px rgb(141, 214,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 55.377, 136.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 214, 122) }
```

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

```
.background{ background-color: rgb(141,  
214, 122) }
```

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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