

Converting Colors

CIELCh(82, 55.304, 139.367)

Have a look what the booklet for
CIELCh(82, 55.304, 139.367)
contains.

CIELCh(82, 55.244, 139.365)	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(82, 55.244, 139.365)

Conversions

Conversions Part 1

Format	Color
Hex	8EDF86
RGB	142, 223, 134
RGB Percent	56%, 87%, 53%
CMY	0.4428, 0.1252, 0.4742
CMYK	0.36, 0.00, 0.40, 0.13
HSL	115°, 58%, 70%
HSV	115°, 40%, 87%
XYZ	41.8852, 60.2982, 32.0120
YIQ	188.6350, -19.7070, -44.8510

Conversions

Conversions Part 2

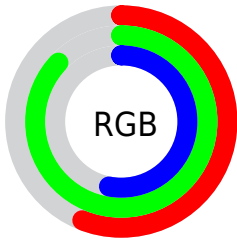
Format	Color
RYB	134, 223, 215
Decimal	9363334
CIELab	82.00, -41.92, 35.98
CIElCh	82, 55.244, 139.365
Yxy	60.2982, 0.3121, 0.4493
Android (android.graphics.Color)	4287553414 (0xFF8EDF86)
YUV	188.6350, -26.9351, -40.8989
Hunter-Lab	77.6519, -39.6086, 29.9140

Details

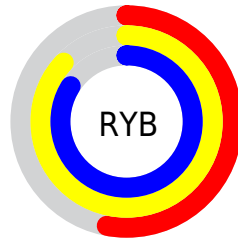
The CIELCh color **82, 55.244, 139.365** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **67, 55.548, 323.912**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 40.027, 138.848**, and **62, 55.072, 139.452** is the 20% darker color. If you saturate the color by 10%, you get **81, 68.251, 138.495**, and if you desaturate by 10%, it is **83, 41.626, 140.164**.

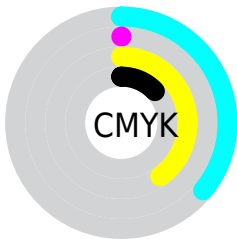
Distribution



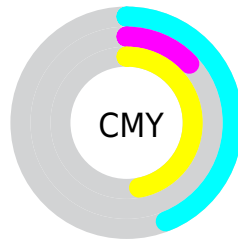
- Red (56%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (84%)



- Cyan (36%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)





- Cyan (44%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 55.244, 139.365 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 82, 55.244, 139.365 by changing the saturation by 10% instead.


 82, 55.244,
139.365


 82, 55.244,
139.365


 100, 55.244,
139.365


 72, 55.244,
139.365

 62, 55.244,
139.365

 52, 55.244,
139.365

 42, 55.244,
139.365

 32, 55.244,
139.365

 22, 55.244,
139.365

 12, 55.244,

139.365

■ 2, 55.244, 139.365

■ 0, 55.244, 139.365

■ 82, 55.244,
139.365

■ 82, 55.244,
139.365

■ 81, 68.251,
138.495

■ 83, 41.626,
140.164

■ 80, 80.236,
137.596

■ 85, 27.706,
140.873

■ 79, 90.688,
136.752

■ 87, 13.724,
141.495


■ 78, 99.020,
136.087


■ 89, 0.149, 320.273


■ 78, 104.697,

■ 91, 13.789,
322.431

135.735

 92, 19.969,
325.119

 78, 107.740,
135.678

 78, 107.764,
135.676

Harmonies

Complementary

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



82, 55.244, 139.365



67, 55.548, 323.912

Rectangle

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



82, 55.244, 139.365



82, 55.244, 189.365



82, 55.244, 319.365



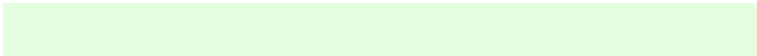
82, 55.244, 9.365

Sweetspot

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



82, 55.245, 139.366



97, 18.566, 141.366



85, 41.455, 101.536



52, 12.323, 141.286



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 55.245, 139.366



91, 73.351, 138.632



82, 42.282, 154.902



46, 7.907, 141.522



63, 90.156, 135.596



16, 34.444, 137.856

Inverse Universe

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



67, 55.548, 323.912



72, 73.674, 324.259



67, 43.371, 342.101



44, 7.932, 322.443



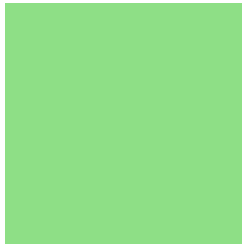
39, 87.993, 324.751



7, 35.813, 325.202

Previews

White Background



This preview shows how the CIELCh color 82, 55.244, 139.365 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 82, 55.244, 139.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

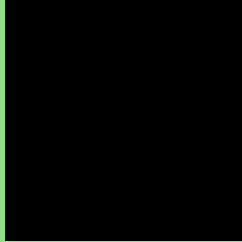
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 55.244, 139.365

Background



This preview shows how black text looks on a background with the CIELCh color 82, 55.244, 139.365.

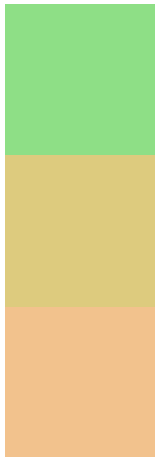


This preview shows how white text looks on a background with the CIELCh color 82, 55.244, 139.365.

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
82, 55.244, 139.365

Protanopia
82, 40.820, 95.973

Deuteranopia
82, 34.721, 72.652



Tritanopia
82, 18.834, 227.159

Trichromacy



Original Color
82, 55.244, 139.365



Protanomaly
81, 42.534, 116.320



Deuteranomaly
81, 34.967, 106.366



Tritanomaly
82, 25.005, 169.772

Monochromacy



Original Color
82, 55.244, 139.365



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 20.316, 141.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 55.244, 139.365 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(142, 223, 134)` looks like.

```
.text, #text, p{  
    color:rgb(142, 223, 134)  
}
```

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(142, 223, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 223, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 55.244, 139.365 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(142, 223, 134) }
```

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

```
.border{ border-color:rgb(142, 223, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 223, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 223, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 223, 134);  
box-shadow:4px 4px 4px 4px rgb(142, 223,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 55.244, 139.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 223, 134) }
```

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

```
.background{ background-color: rgb(142,  
223, 134) }
```

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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