

Converting Colors

CIELCh(81, 60.550, 134.311)

Have a look what the booklet for
CIELCh(81, 60.550, 134.311)
contains.

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Color

CIELCh(81, 60.402, 134.435)

Conversions

Conversions Part 1

Format	Color
Hex	90DC75
RGB	144, 220, 117
RGB Percent	56%, 86%, 46%
CMY	0.4349, 0.1368, 0.5408
CMYK	0.35, 0.00, 0.47, 0.14
HSL	104°, 60%, 66%
HSV	104°, 47%, 86%
XYZ	40.3603, 58.4711, 26.0200
YIQ	185.5340, -12.2330, -48.1450

Conversions

Conversions Part 2

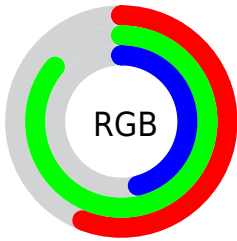
Format	Color
RYB	117, 220, 193
Decimal	9493621
CIELab	81.00, -42.29, 43.13
CIELCh	81, 60.402, 134.435
Yxy	58.4711, 0.3233, 0.4683
Android (android.graphics.Color)	4287683701 (0xFF90DC75)
YUV	185.5340, -33.7873, -36.4253
Hunter-Lab	76.4664, -39.6008, 33.3513

Details

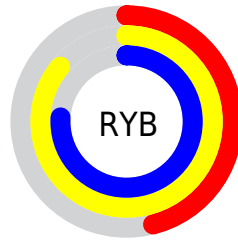
The CIELCh color **81, 60.402, 134.435** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **61, 62.126, 318.887**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 47.019, 132.342**, and **61, 60.071, 134.471** is the 20% darker color. If you saturate the color by 10%, you get **80, 72.224, 133.862**, and if you desaturate by 10%, it is **82, 47.886, 135.036**.

Distribution



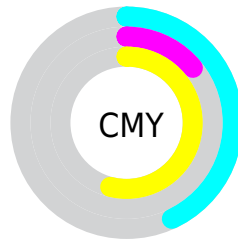
- Red (56%)
- Green (86%)
- Blue (46%)



- Red (46%)
- Yellow (86%)
- Blue (76%)



- Cyan (35%)
- Magenta (0%)
- Yellow (47%)
- Black (14%)





- Cyan (43%)
- Magenta (14%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 60.402, 134.435 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 81, 60.402, 134.435 by changing the saturation by 10% instead.


 81, 60.402,
134.435


 81, 60.402,
134.435


 100, 60.402,
134.435


 71, 60.402,
134.435

 61, 60.402,
134.435

 51, 60.402,
134.435

 41, 60.402,
134.435

 31, 60.402,
134.435

 21, 60.402,
134.435

 11, 60.402,

134.435

■ 1, 60.402, 134.435

■ 0, 60.402, 134.435

■ 81, 60.402,
134.435

■ 81, 60.402,
134.435

■ 80, 72.224,
133.862

■ 82, 47.886,
135.036

■ 79, 82.932,
133.391

■ 84, 34.979,
135.616

■ 78, 91.999,
133.138

■ 85, 21.905,
136.154

■ 78, 98.867,
133.232

■ 87, 8.826, 136.648

■ 77, 103.202,

■ 88, 4.145, 316.999

133.748

90, 16.925,
317.406

77, 104.254,
133.926

92, 21.837,
325.184

Harmonies

Complementary

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



81, 60.402, 134.435



61, 62.126, 318.887

Rectangle

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



81, 60.402, 134.435



81, 60.402, 184.435



81, 60.402, 314.435



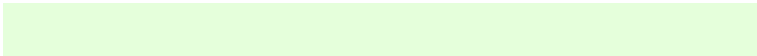
81, 60.402, 4.435

Sweetspot

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



81, 60.403, 134.436



97, 20.553, 136.290



79, 41.470, 90.165



52, 14.199, 136.180



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 60.403, 134.436



91, 80.284, 133.880



80, 55.471, 147.550



45, 7.359, 136.521



62, 87.047, 133.741



16, 31.468, 135.178

Inverse Universe

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



61, 62.126, 318.887



65, 82.864, 319.190



63, 55.596, 334.986



43, 7.411, 317.303



33, 89.058, 318.626



5, 33.103, 318.783

Previews

White Background



This preview shows how the CIELCh color 81, 60.402, 134.435 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 81, 60.402, 134.435 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 81, 60.402, 134.435

Background



This preview shows how black text looks on a background with the CIELCh color 81, 60.402, 134.435.

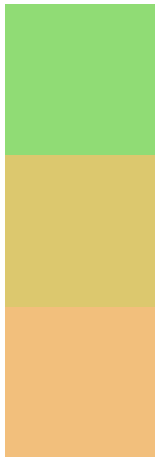


This preview shows how white text looks on a background with the CIELCh color 81, 60.402, 134.435.

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
81, 60.402, 134.435

Protanopia
81, 47.421, 95.609

Deuteranopia
81, 41.896, 75.844



Tritanopia
81, 17.322, 230.140

Trichromacy



Original Color
81, 60.402, 134.435



Protanomaly
80, 48.707, 113.151



Deuteranomaly
80, 42.123, 104.082

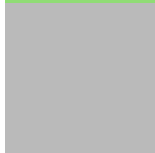


Tritanomaly
81, 24.679, 163.571

Monochromacy



Original Color
81, 60.402, 134.435



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 22.314, 135.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 60.402, 134.435 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(144, 220, 117)` looks like.

```
.text, #text, p{  
    color:rgb(144, 220, 117)  
}
```

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(144, 220, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 220, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 60.402, 134.435 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(144, 220, 117) }
```

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

```
.border{ border-color:rgb(144, 220, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 220, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 220, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 220, 117);  
box-shadow:4px 4px 4px 4px rgb(144, 220,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 60.402, 134.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 220, 117) }
```

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

```
.background{ background-color: rgb(144,  
220, 117) }
```

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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