

Converting Colors

CIELCh(79, 72.373, 140.819)

Have a look what the booklet for
CIELCh(79, 72.373, 140.819)
contains.

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Color

CIELCh(79, 72.435, 140.935)

Conversions

Conversions Part 1

Format	Color
Hex	65DC6A
RGB	101, 220, 106
RGB Percent	40%, 86%, 42%
CMY	0.6044, 0.1377, 0.5847
CMYK	0.54, 0.00, 0.52, 0.14
HSL	123°, 63%, 63%
HSV	123°, 54%, 86%
XYZ	33.5155, 54.9284, 22.4445
YIQ	171.4230, -34.3300, -60.6820

Conversions

Conversions Part 2

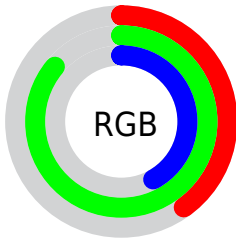
Format	Color
RYB	101, 215, 220
Decimal	6675562
CIELab	79.00, -56.24, 45.65
CIELCh	79, 72.435, 140.935
Yxy	54.9284, 0.3022, 0.4953
Android (android.graphics.Color)	4284865642 (0xFF65DC6A)
YUV	171.4230, -32.2535, -61.7610
Hunter-Lab	74.1137, -48.9782, 33.9243

Details

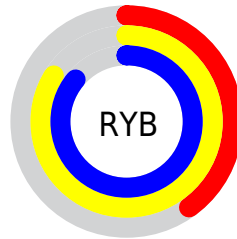
The CIELCh color **79, 72.435, 140.935** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **61, 71.799, 328.500**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 59.225, 141.637**, and **59, 72.577, 140.832** is the 20% darker color. If you saturate the color by 10%, you get **78, 83.578, 139.721**, and if you desaturate by 10%, it is **80, 60.061, 142.068**.

Distribution



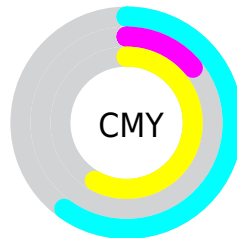
- Red (40%)
- Green (86%)
- Blue (42%)



- Red (40%)
- Yellow (84%)
- Blue (86%)



- Cyan (54%)
- Magenta (0%)
- Yellow (52%)
- Black (14%)





- Cyan (60%)
- Magenta (14%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 72.435, 140.935 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, 72.435, 140.935 by changing the saturation by 10% instead.


 79, 72.435,
140.935

 79, 72.435,
140.935


 100, 72.435,
140.935


 69, 72.435,
140.935


 99, 72.435,
140.935

 59, 72.435,
140.935

 49, 72.435,
140.935

 39, 72.435,
140.935

 29, 72.435,
140.935

 19, 72.435,
140.935

 9, 72.435, 140.935

■ 0, 72.435, 140.935

■ 79, 72.435,
140.935

■ 79, 72.435,
140.935

■ 78, 83.578,
139.721

■ 80, 60.061,
142.068

■ 77, 93.006,
138.504

■ 81, 46.873,
143.080

■ 77, 100.227,
137.407

■ 83, 33.226,
143.963

■ 77, 104.851,
136.573

■ 85, 19.403,
144.724

■ 77, 106.388,
136.291

■ 87, 5.619, 145.403

■ 89, 7.967, 325.861

■ 91, 21.247,

326.346

92, 21.976,
325.189

Harmonies

Complementary

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



79, 72.435, 140.935



61, 71.799, 328.500

Rectangle

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



79, 72.435, 140.935



79, 72.435, 190.935



79, 72.435, 320.935



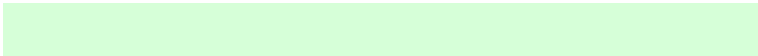
79, 72.435, 10.935

Sweetspot

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



79, 72.436, 140.935



96, 24.815, 144.580



85, 59.522, 106.682



51, 16.766, 144.426



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, 72.436, 140.935



89, 95.098, 139.546



80, 49.465, 159.524



45, 7.762, 145.046



62, 88.903, 136.384



15, 33.014, 140.920

Inverse Universe

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



61, 71.799, 328.500



66, 93.334, 328.995



59, 52.976, 351.831



43, 7.775, 326.092



41, 83.750, 329.973



7, 33.560, 329.593

Previews

White Background



This preview shows how the CIELCh color 79, 72.435, 140.935 looks on a white background.

Color Contrast Check

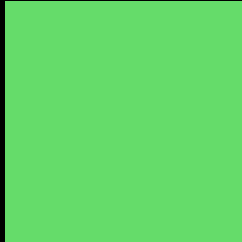
Large Text (above 18pt) WCAG AA × Fail

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, 72.435, 140.935 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, 72.435, 140.935

Background



This preview shows how black text looks on a background with the CIELCh color 79, 72.435, 140.935.

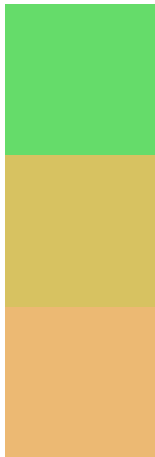


This preview shows how white text looks on a background with the CIELCh color 79, 72.435, 140.935.

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](#).

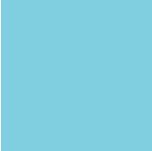
Dichromacy



Original Color
79, 72.435, 140.935

Protanopia
78, 51.008, 95.274

Deuteranopia
78, 43.533, 76.495



Tritanopia
79, 25.565, 218.829

Trichromacy



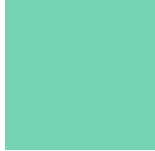
Original Color
79, 72.435, 140.935



Protanomaly
78, 54.111, 118.184



Deuteranomaly
77, 44.922, 111.877

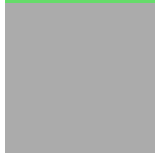


Tritanomaly
79, 35.813, 169.230

Monochromacy



Original Color
79, 72.435, 140.935



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 28.071, 143.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 72.435, 140.935 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(101, 220, 106)` looks like.

```
.text, #text, p{  
    color:rgb(101, 220, 106)  
}
```

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(101, 220, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 220, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 72.435, 140.935 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(101, 220, 106) }
```

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

```
.border{ border-color:rgb(101, 220, 106) }
```

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

Here you see how a box with a 4 pixel rgb(101, 220, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 220, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 220, 106);  
box-shadow:4px 4px 4px 4px rgb(101, 220,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 72.435, 140.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 220, 106) }
```

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

```
.background{ background-color: rgb(101,  
220, 106) }
```

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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