

Converting Colors

CIELCh(79, 70.073, 142.284)

Have a look what the booklet for
CIELCh(79, 70.073, 142.284)
contains.

CIELCh(79, 70.073, 142.284)	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, 70.073, 142.284)

Conversions

Conversions Part 1

Format	Color
Hex	65DC70
RGB	101, 220, 112
RGB Percent	40%, 86%, 44%
CMY	0.6052, 0.1385, 0.5619
CMYK	0.54, 0.00, 0.49, 0.14
HSL	126°, 63%, 63%
HSV	126°, 54%, 86%
XYZ	33.7464, 54.9284, 24.0675
YIQ	172.1070, -36.2560, -58.8160

Conversions

Conversions Part 2

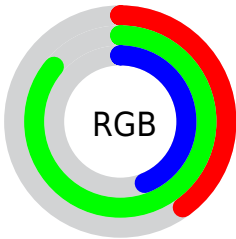
Format	Color
RYB	101, 210, 220
Decimal	6675568
CIELab	79.00, -55.43, 42.87
CIElCh	79, 70.073, 142.284
Yxy	54.9284, 0.2993, 0.4872
Android (android.graphics.Color)	4284865648 (0xFF65DC70)
YUV	172.1070, -29.6328, -62.3608
Hunter-Lab	74.1137, -48.4221, 32.6259

Details

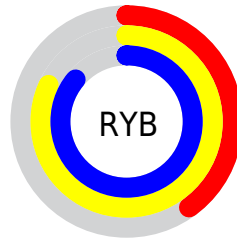
The CIELCh color **79, 70.073, 142.284** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **61, 69.416, 330.165**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 56.759, 143.321**, and **59, 70.074, 142.337** is the 20% darker color. If you saturate the color by 10%, you get **78, 80.997, 140.995**, and if you desaturate by 10%, it is **80, 58.054, 143.459**.

Distribution



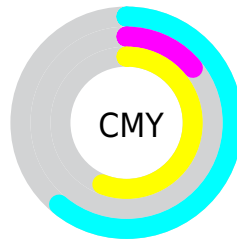
- Red (40%)
- Green (86%)
- Blue (44%)



- Red (40%)
- Yellow (82%)
- Blue (86%)



- Cyan (54%)
- Magenta (0%)
- Yellow (49%)
- Black (14%)




- Cyan (61%)
- Magenta (14%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 70.073, 142.284 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, 70.073, 142.284 by changing the saturation by 10% instead.

 79, 70.073,
142.284

 79, 70.073,
142.284

 100, 70.073,
142.284

 69, 70.073,
142.284

 99, 70.073,
142.284

 59, 70.073,
142.284

 49, 70.073,
142.284

 39, 70.073,
142.284

 29, 70.073,
142.284

 19, 70.073,
142.284

 9, 70.073, 142.284

■ 0, 70.073, 142.284

■ 79, 70.073,
142.284

■ 79, 70.073,
142.284

■ 78, 80.997,
140.995

■ 80, 58.054,
143.459

■ 77, 90.423,
139.645

■ 81, 45.301,
144.496

■ 77, 97.943,
138.335

■ 83, 32.128,
145.395

■ 77, 103.207,
137.198

■ 85, 18.793,
146.171

■ 77, 105.225,
136.714

■ 87, 5.497, 146.865

■ 89, 7.612, 327.331

■ 91, 20.431,

327.833

91, 22.110,
325.194

Harmonies

Complementary

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



79, 70.073, 142.284



61, 69.416, 330.165

Rectangle

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



79, 70.073, 142.284



79, 70.073, 192.284



79, 70.073, 322.284



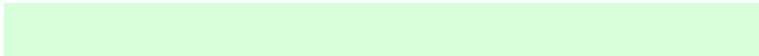
79, 70.073, 12.284

Sweetspot

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



79, 70.074, 142.284



96, 23.955, 146.028



85, 59.658, 109.052



51, 16.185, 145.872



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, 70.074, 142.284



89, 92.200, 140.812



80, 47.325, 162.346



45, 7.494, 146.503



62, 87.854, 136.874



15, 32.169, 141.788

Inverse Universe

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



61, 69.416, 330.165



66, 90.205, 330.760



59, 51.879, 355.204



43, 7.508, 327.573



40, 80.498, 332.289



7, 32.386, 331.458

Previews

White Background



This preview shows how the CIELCh color 79, 70.073, 142.284 looks on a white background.

Color Contrast Check

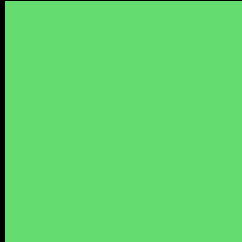
Large Text (above 18pt) WCAG AA × Fail

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, 70.073, 142.284 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

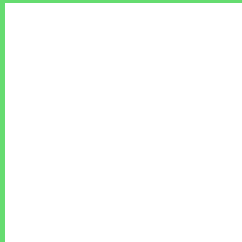
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 70.073, 142.284

Background



This preview shows how black text looks on a background with the CIELCh color 79, 70.073, 142.284.

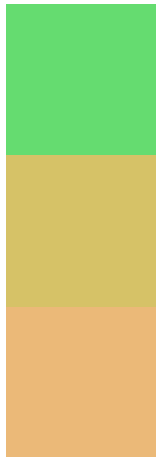


This preview shows how white text looks on a background with the CIELCh color 79, 70.073, 142.284.

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

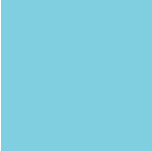
79, 70.073, 142.284

Protanopia

78, 48.091, 95.498

Deuteranopia

78, 41.013, 75.587



Tritanopia
79, 25.798, 218.616

Trichromacy



Original Color
79, 70.073, 142.284



Protanomaly
78, 51.461, 119.487



Deuteranomaly
77, 42.521, 112.957



Tritanomaly
79, 35.438, 170.860

Monochromacy



Original Color
79, 70.073, 142.284



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 26.747, 145.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 70.073, 142.284 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(101, 220, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 220, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 70.073, 142.284 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, 112) }
```

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

```
.border{ border-color:rgb(101, 220, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 220, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 220, 112);  
box-shadow:4px 4px 4px 4px rgb(101, 220,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 70.073, 142.284 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, 112) }
```

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

```
.background{ background-color: rgb(101,  
220, 112) }
```

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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