

Converting Colors

CIELCh(79, 54.735, 141.430)

Have a look what the booklet for
CIELCh(79, 54.735, 141.430)
contains.

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Color

CIELCh(79, 54.628, 141.448)

Conversions

Conversions Part 1

Format	Color
Hex	82D782
RGB	130, 215, 130
RGB Percent	51%, 84%, 51%
CMY	0.4904, 0.1570, 0.4904
CMYK	0.40, 0.00, 0.40, 0.16
HSL	120°, 51%, 68%
HSV	120°, 40%, 84%
XYZ	37.5128, 54.9284, 29.7282
YIQ	179.8950, -23.3750, -44.4550

Conversions

Conversions Part 2

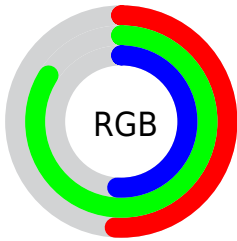
Format	Color
RYB	130, 215, 215
Decimal	8574850
CIELab	79.00, -42.72, 34.05
CIELCh	79, 54.628, 141.448
Yxy	54.9284, 0.3071, 0.4496
Android (android.graphics.Color)	4286764930 (0xFF82D782)
YUV	179.8950, -24.5982, -43.7579
Hunter-Lab	74.1137, -39.3509, 28.0974

Details

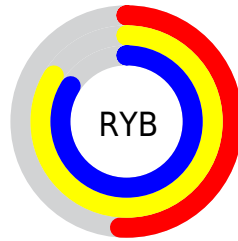
The CIELCh color **79, 54.628, 141.448** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **66, 54.525, 326.554**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 44.087, 141.836**, and **59, 54.956, 141.317** is the 20% darker color. If you saturate the color by 10%, you get **78, 67.492, 140.399**, and if you desaturate by 10%, it is **80, 41.079, 142.384**.

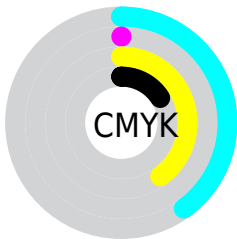
Distribution



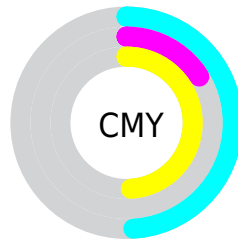
- Red (51%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (84%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 54.628, 141.448 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, 54.628, 141.448 by changing the saturation by 10% instead.

 79, 54.628,
141.448

 79, 54.628,
141.448

 100, 54.628,
141.448

 69, 54.628,
141.448

 99, 54.628,
141.448

 59, 54.628,
141.448

 49, 54.628,
141.448

 39, 54.628,
141.448

 29, 54.628,
141.448

 19, 54.628,
141.448

 9, 54.628, 141.448

0, 54.628, 141.448

79, 54.628,
141.448

79, 54.628,
141.448

78, 67.492,
140.399

80, 41.079,
142.384

77, 79.240,
139.271

82, 27.186,
143.198

76, 89.358,
138.144

84, 13.215,
143.901

76, 97.284,
137.144

86, 0.636, 324.039

75, 102.526,
136.420

88, 14.231,
324.944

75, 105.187,
136.031

90, 25.087,
325.298

■ 75,105.288,
136.016

Harmonies

Complementary

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



79, 54.628, 141.448



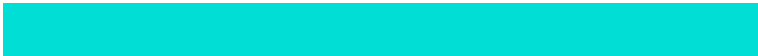
66, 54.525, 326.554

Rectangle

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



79, 54.628, 141.448



79, 54.628, 191.448



79, 54.628, 321.448



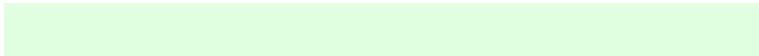
79, 54.628, 11.448

Sweetspot

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



79, 54.629, 141.448



97, 19.117, 143.729



84, 43.673, 106.378



52, 12.690, 143.639



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, 54.629, 141.448



91, 73.813, 140.626



80, 37.497, 159.749



44, 7.836, 143.909



61, 88.725, 136.016



14, 32.164, 141.115

Inverse Universe

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



66, 54.525, 326.554



73, 73.490, 326.929



64, 39.299, 347.580



42, 7.847, 324.938



41, 85.603, 328.234



6, 32.950, 328.044

Previews

White Background



This preview shows how the CIELCh color 79, 54.628, 141.448 looks on a white background.

Color Contrast Check

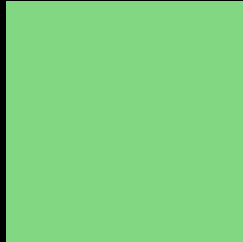
Large Text (above 18pt) WCAG AA × Fail

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, 54.628, 141.448 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, 54.628, 141.448

Background



This preview shows how black text looks on a background with the CIELCh color 79, 54.628, 141.448.

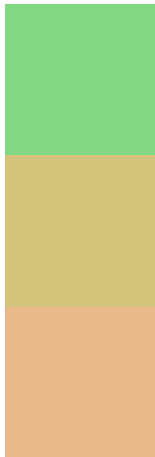


This preview shows how white text looks on a background with the CIELCh color 79, 54.628, 141.448.

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, 54.628, 141.448

Protanopia

79, 39.004, 96.089

Deuteranopia

79, 32.732, 71.875



Tritanopia
79, 19.915, 225.598

Trichromacy



Original Color
79, 54.628, 141.448



Protanomaly
78, 40.983, 117.938



Deuteranomaly
78, 33.157, 108.513



Tritanomaly
79, 25.683, 172.862

Monochromacy



Original Color
79, 54.628, 141.448



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 20.447, 143.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 54.628, 141.448 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(130, 215, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 215, 130)  
}
```

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(130, 215, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 215, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 54.628, 141.448 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(130, 215, 130) }
```

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

```
.border{ border-color:rgb(130, 215, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 215, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 215, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 215, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 215,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 54.628, 141.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 215, 130) }
```

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

```
.background{ background-color: rgb(130,  
215, 130) }
```

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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