

Converting Colors

CIELCh(79, 59.742, 140.916)

Have a look what the booklet for
CIELCh(79, 59.742, 140.916)
contains.

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Color

CIELCh(79, 59.479, 141.089)

Conversions

Conversions Part 1

Format	Color
Hex	7BD87B
RGB	123, 216, 123
RGB Percent	48%, 85%, 48%
CMY	0.5165, 0.1518, 0.5166
CMYK	0.43, 0.00, 0.43, 0.15
HSL	120°, 55%, 67%
HSV	120°, 43%, 85%
XYZ	36.4308, 54.9284, 27.5079
YIQ	177.5910, -25.5750, -48.6390

Conversions

Conversions Part 2

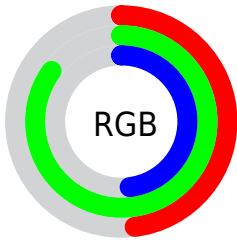
Format	Color
RYB	123, 216, 216
Decimal	8116347
CIELab	79.00, -46.28, 37.36
CIELCh	79, 59.479, 141.089
Yxy	54.9284, 0.3065, 0.4621
Android (android.graphics.Color)	4286306427 (0xFF7BD87B)
YUV	177.5910, -26.9134, -47.8763
Hunter-Lab	74.1137, -41.9567, 29.8736

Details

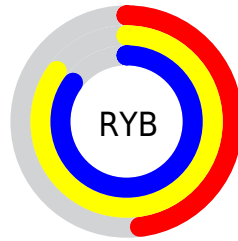
The CIELCh color **79, 59.479, 141.089** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **65, 59.311, 326.715**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 48.236, 141.359**, and **59, 59.409, 141.095** is the 20% darker color. If you saturate the color by 10%, you get **78, 72.071, 140.007**, and if you desaturate by 10%, it is **80, 46.059, 142.067**.

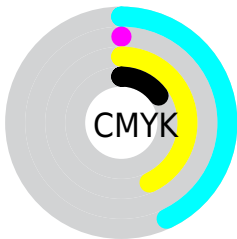
Distribution



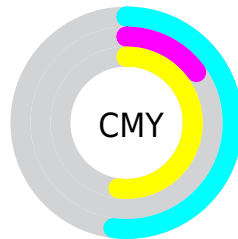
- Red (48%)
- Green (85%)
- Blue (48%)



- Red (48%)
- Yellow (85%)
- Blue (85%)



- Cyan (43%)
- Magenta (0%)
- Yellow (43%)
- Black (15%)





- Cyan (52%)
- Magenta (15%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 59.479, 141.089 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, 59.479, 141.089 by changing the saturation by 10% instead.


 79, 59.479,
141.089

 79, 59.479,
141.089


 100, 59.479,
141.089

 69, 59.479,
141.089


 99, 59.479,
141.089

 59, 59.479,
141.089

 49, 59.479,
141.089

 39, 59.479,
141.089

 29, 59.479,
141.089

 19, 59.479,
141.089

 9, 59.479, 141.089

79, 59.479,
141.089

79, 59.479,
141.089

78, 72.071,
140.007

80, 46.059,
142.067

77, 83.369,
138.868

82, 32.181,
142.923

76, 92.835,
137.769

84, 18.142,
143.661

76, 99.903,
136.850

86, 4.161, 144.334

76, 104.168,
136.251

88, 9.603, 324.766

90, 23.045,
325.226

76, 105.780,
136.015

91, 24.245,

Harmonies

Complementary

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



79, 59.479, 141.089



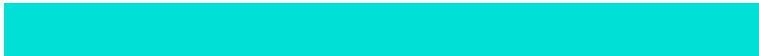
65, 59.311, 326.715

Rectangle

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



79, 59.479, 141.089



79, 59.479, 191.089



79, 59.479, 321.089



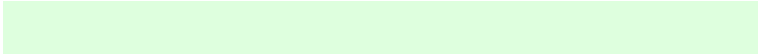
79, 59.479, 11.089

Sweetspot

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



79, 59.480, 141.089



97, 20.721, 143.654



84, 46.842, 105.316



51, 14.515, 143.498



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, 59.480, 141.089



90, 80.892, 140.065



80, 41.354, 158.461



44, 7.835, 143.903



61, 88.724, 136.015



14, 32.162, 141.110

Inverse Universe

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



65, 59.311, 326.715



71, 80.364, 327.143



63, 43.267, 347.049



42, 7.847, 324.931



41, 85.606, 328.224



6, 32.950, 328.036

Previews

White Background



This preview shows how the CIELCh color 79, 59.479, 141.089 looks on a white background.

Color Contrast Check

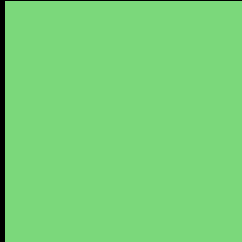
Large Text (above 18pt) WCAG AA × Fail

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, 59.479, 141.089 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, 59.479, 141.089

Background



This preview shows how black text looks on a background with the CIELCh color 79, 59.479, 141.089.

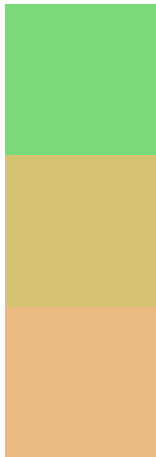


This preview shows how white text looks on a background with the CIELCh color 79, 59.479, 141.089.

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, 59.479, 141.089

Protanopia
79, 42.557, 95.987

Deuteranopia
78, 36.136, 74.189



Tritanopia
79, 21.276, 222.002

Trichromacy



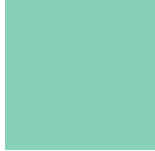
Original Color
79, 59.479, 141.089



Protanomaly
78, 45.107, 118.177



Deuteranomaly
78, 36.250, 109.409

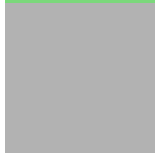


Tritanomaly
79, 28.441, 170.468

Monochromacy



Original Color
79, 59.479, 141.089



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 22.461, 143.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 59.479, 141.089 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(123, 216, 123)` looks like.

```
.text, #text, p{  
    color:rgb(123, 216, 123)  
}
```

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(123, 216, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 216, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 59.479, 141.089 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(123, 216, 123) }
```

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

```
.border{ border-color:rgb(123, 216, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 216, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 216, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 216, 123); box-shadow:4px 4px 4px 4px rgb(123, 216, 123) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 59.479, 141.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 216, 123) }
```

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

```
.background{ background-color: rgb(123,  
216, 123) }
```

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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