

Converting Colors

CIELCh(79, 59.399, 141.495)

Have a look what the booklet for
CIELCh(79, 59.399, 141.495)
contains.

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Color

CIELCh(79, 59.252, 141.587)

Conversions

Conversions Part 1

Format	Color
Hex	7AD87C
RGB	122, 216, 124
RGB Percent	48%, 85%, 49%
CMY	0.5201, 0.1515, 0.5124
CMYK	0.43, 0.00, 0.43, 0.15
HSL	121°, 55%, 66%
HSV	121°, 43%, 85%
XYZ	36.3872, 54.9284, 27.8650
YIQ	177.4060, -26.4920, -48.5400

Conversions

Conversions Part 2

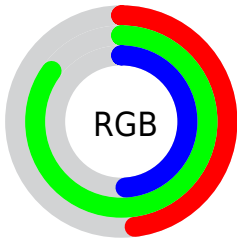
Format	Color
RYB	122, 214, 216
Decimal	8050812
CIELab	79.00, -46.43, 36.81
CIElCh	79, 59.252, 141.587
Yxy	54.9284, 0.3053, 0.4609
Android (android.graphics.Color)	4286240892 (0xFF7AD87C)
YUV	177.4060, -26.3292, -48.5911
Hunter-Lab	74.1137, -42.0619, 29.5880

Details

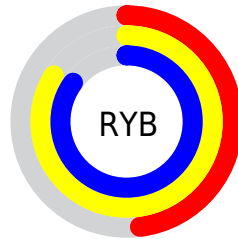
The CIELCh color **79, 59.252, 141.587** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **65, 59.065, 327.346**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 48.013, 141.997**, and **59, 59.165, 141.560** is the 20% darker color. If you saturate the color by 10%, you get **78, 71.673, 140.482**, and if you desaturate by 10%, it is **80, 46.023, 142.580**.

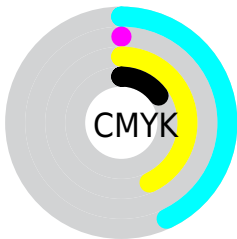
Distribution



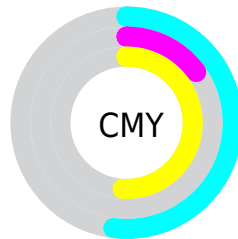
- Red (48%)
- Green (85%)
- Blue (49%)



- Red (48%)
- Yellow (84%)
- Blue (85%)



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





- Cyan (52%)
- Magenta (15%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 59.252, 141.587 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, 59.252, 141.587 by changing the saturation by 10% instead.


 79, 59.252,
141.587

 79, 59.252,
141.587


 100, 59.252,
141.587


 69, 59.252,
141.587

 99, 59.252,
141.587

 59, 59.252,
141.587

 49, 59.252,
141.587

 39, 59.252,
141.587

 29, 59.252,
141.587

 19, 59.252,
141.587

 9, 59.252, 141.587

■ 0, 59.252, 141.587

■ 79, 59.252,
141.587

■ 79, 59.252,
141.587

■ 78, 71.673,
140.482

■ 80, 46.023,
142.580

■ 77, 82.845,
139.306

■ 82, 32.343,
143.447

■ 76, 92.265,
138.147

■ 84, 18.498,
144.195

■ 76, 99.407,
137.134

■ 86, 4.705, 144.869

■ 76, 103.868,
136.412

■ 88, 8.882, 325.313

■ 76, 105.449,
136.156

■ 90, 22.155,
325.783

■ 91, 24.195,

Harmonies

Complementary

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



79, 59.252, 141.587



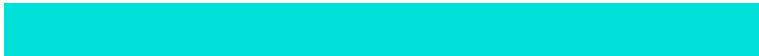
65, 59.065, 327.346

Rectangle

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



79, 59.252, 141.587



79, 59.252, 191.587



79, 59.252, 321.587



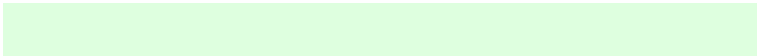
79, 59.252, 11.587

Sweetspot

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



79, 59.253, 141.587



97, 20.428, 144.218



85, 48.014, 106.788



51, 14.310, 144.061



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, 59.253, 141.587



90, 79.833, 140.592



80, 40.614, 160.125



44, 7.724, 144.468



61, 88.321, 136.204



14, 31.825, 141.445

Inverse Universe

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



65, 59.065, 327.346



71, 79.256, 327.772



63, 42.918, 349.103



42, 7.737, 325.504



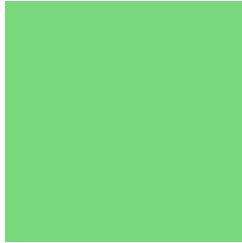
40, 84.217, 329.079



6, 32.456, 328.728

Previews

White Background



This preview shows how the CIELCh color 79, 59.252, 141.587 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, 59.252, 141.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

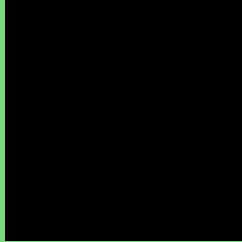
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 59.252, 141.587

Background



This preview shows how black text looks on a background with the CIELCh color 79, 59.252, 141.587.

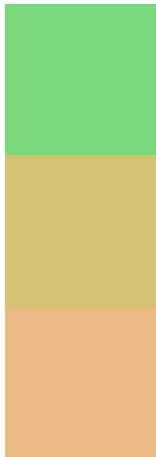


This preview shows how white text looks on a background with the CIELCh color 79, 59.252, 141.587.

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](#).

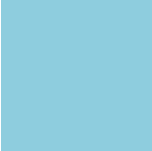
Dichromacy



Original Color
79, 59.252, 141.587

Protanopia
79, 42.065, 95.923

Deuteranopia
79, 35.683, 73.812



Tritanopia
79, 21.679, 223.088

Trichromacy



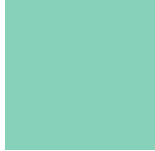
Original Color
79, 59.252, 141.587



Protanomaly
78, 44.625, 118.339



Deuteranomaly
78, 35.742, 109.491

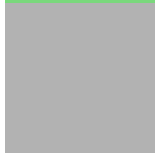


Tritanomaly
79, 28.417, 171.635

Monochromacy



Original Color
79, 59.252, 141.587



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, 59.252, 141.587 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(122, 216, 124)` looks like.

```
.text, #text, p{  
    color:rgb(122, 216, 124)  
}
```

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(122, 216, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 216, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 59.252, 141.587 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(122, 216, 124) }
```

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

```
.border{ border-color:rgb(122, 216, 124) }
```

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

Here you see how a box with a 4 pixel rgb(122, 216, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 216, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 216, 124);  
box-shadow:4px 4px 4px 4px rgb(122, 216,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 59.252, 141.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 216, 124) }
```

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

```
.background{ background-color: rgb(122,  
216, 124) }
```

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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