

Converting Colors

CIELCh(79, 57.491, 137.354)

Have a look what the booklet for
CIELCh(79, 57.491, 137.354)
contains.

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Color

CIELCh(79, 57.921, 137.371)

Conversions

Conversions Part 1

Format	Color
Hex	87D778
RGB	135, 215, 120
RGB Percent	53%, 84%, 47%
CMY	0.4717, 0.1580, 0.5305
CMYK	0.37, 0.00, 0.44, 0.16
HSL	111°, 54%, 66%
HSV	111°, 44%, 84%
XYZ	37.5452, 54.9284, 26.3070
YIQ	180.2500, -17.1850, -46.5050

Conversions

Conversions Part 2

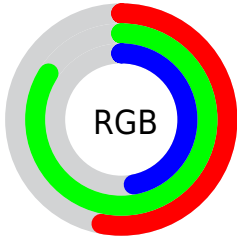
Format	Color
RYB	120, 215, 200
Decimal	8902520
CIELab	79.00, -42.62, 39.23
CIELCh	79, 57.921, 137.371
Yxy	54.9284, 0.3161, 0.4624
Android (android.graphics.Color)	4287092600 (0xFF87D778)
YUV	180.2500, -29.7033, -39.6842
Hunter-Lab	74.1137, -39.2727, 30.8343

Details

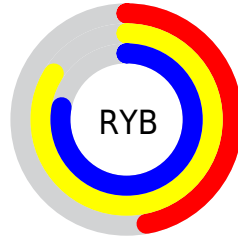
The CIELCh color **79, 57.921, 137.371** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **62, 58.671, 322.025**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 47.428, 136.819**, and **59, 58.227, 137.328** is the 20% darker color. If you saturate the color by 10%, you get **78, 70.014, 136.617**, and if you desaturate by 10%, it is **80, 45.156, 138.098**.

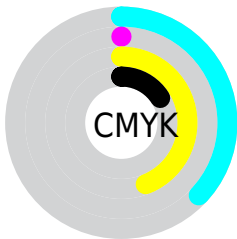
Distribution



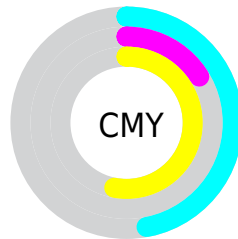
- Red (53%)
- Green (84%)
- Blue (47%)



- Red (47%)
- Yellow (84%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (44%)
- Black (16%)





- Cyan (47%)
- Magenta (16%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 57.921, 137.371 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, 57.921, 137.371 by changing the saturation by 10% instead.


 79, 57.921,
137.371


 79, 57.921,
137.371


 100, 57.921,
137.371


 69, 57.921,
137.371


 99, 57.921,
137.371

 59, 57.921,
137.371

 49, 57.921,
137.371

 39, 57.921,
137.371

 29, 57.921,
137.371

 19, 57.921,
137.371

 9, 57.921, 137.371

■ 0, 57.921, 137.371

■ 79, 57.921,
137.371

■ 79, 57.921,
137.371

■ 78, 70.014,
136.617

■ 80, 45.156,
138.098

■ 77, 81.022,
135.898

■ 82, 32.027,
138.764

■ 76, 90.430,
135.316

■ 83, 18.768,
139.360

■ 76, 97.669,
135.000

■ 85, 5.547, 139.905

■ 75, 102.306,
135.058

■ 87, 7.512, 320.277

■ 75, 104.006,
135.178

■ 89, 20.327,
320.677

■ 90, 25.241,

Harmonies

Complementary

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



79, 57.921, 137.371



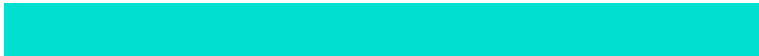
62, 58.671, 322.025

Rectangle

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



79, 57.921, 137.371



79, 57.921, 187.371



79, 57.921, 317.371



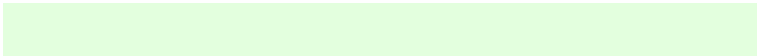
79, 57.921, 7.371

Sweetspot

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



79, 57.922, 137.372



97, 19.695, 139.422



80, 41.842, 97.257



52, 13.795, 139.297



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, 57.922, 137.372



91, 78.765, 136.671



79, 47.708, 151.580



44, 7.449, 139.624



61, 87.576, 135.056



14, 30.713, 137.961

Inverse Universe

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



62, 58.671, 322.025



68, 79.779, 322.347



63, 48.416, 339.216



42, 7.483, 320.472



36, 86.726, 322.248



5, 31.861, 322.323

Previews

White Background



This preview shows how the CIELCh color 79, 57.921, 137.371 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, 57.921, 137.371 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, 57.921, 137.371

Background



This preview shows how black text looks on a background with the CIELCh color 79, 57.921, 137.371.

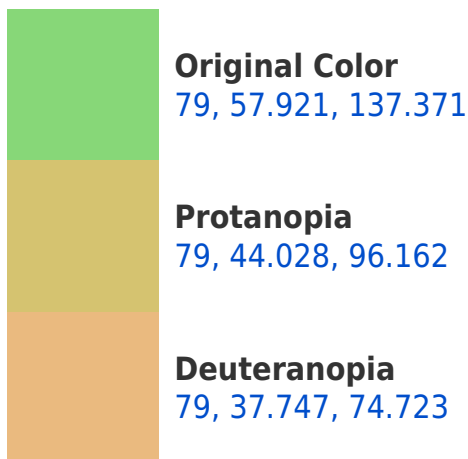


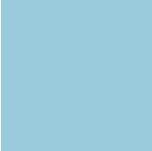
This preview shows how white text looks on a background with the CIELCh color 79, 57.921, 137.371.

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





Tritanopia
79, 18.388, 228.198

Trichromacy



Original Color
79, 57.921, 137.371



Protanomaly
78, 45.626, 114.888



Deuteranomaly
78, 37.767, 105.404



Tritanomaly
79, 24.909, 167.968

Monochromacy



Original Color
79, 57.921, 137.371



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 21.859, 138.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 57.921, 137.371 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(135, 215, 120)` looks like.

```
.text, #text, p{  
    color:rgb(135, 215, 120)  
}
```

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(135, 215, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 215, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 57.921, 137.371 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(135, 215, 120) }
```

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

```
.border{ border-color:rgb(135, 215, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 215, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 215, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 215, 120);  
box-shadow:4px 4px 4px 4px rgb(135, 215,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 57.921, 137.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 215, 120) }
```

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

```
.background{ background-color: rgb(135,  
215, 120) }
```

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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