

Converting Colors

CIELCh(79, 78.821, 135.029)

Have a look what the booklet for
CIELCh(79, 78.821, 135.029)
contains.

CIELCh(79, 78.637, 135.127)	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, 78.637, 135.127)

Conversions

Conversions Part 1

Format	Color
Hex	6FDB54
RGB	111, 219, 84
RGB Percent	44%, 86%, 33%
CMY	0.5630, 0.1396, 0.6691
CMYK	0.49, 0.00, 0.62, 0.14
HSL	108°, 65%, 60%
HSV	108°, 62%, 86%
XYZ	33.6617, 54.9284, 17.2940
YIQ	171.3180, -21.0330, -64.8810

Conversions

Conversions Part 2

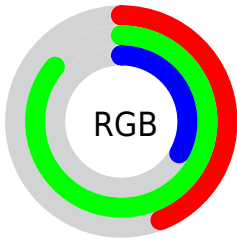
Format	Color
RYB	84, 219, 192
Decimal	7330644
CIELab	79.00, -55.73, 55.48
CIELCh	79, 78.637, 135.127
Yxy	54.9284, 0.3179, 0.5188
Android (android.graphics.Color)	4285520724 (0xFF6FDB54)
YUV	171.3180, -43.0478, -52.8989
Hunter-Lab	74.1137, -48.6261, 38.0446

Details

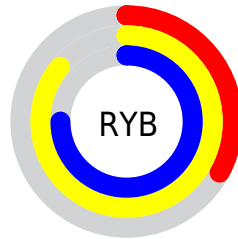
The CIELCh color **79, 78.637, 135.127** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **55, 80.176, 321.233**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 66.537, 134.149**, and **59, 78.727, 135.099** is the 20% darker color. If you saturate the color by 10%, you get **78, 88.679, 134.605**, and if you desaturate by 10%, it is **80, 67.174, 135.777**.

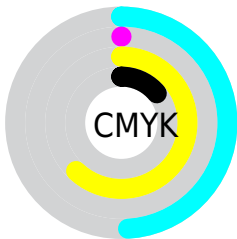
Distribution



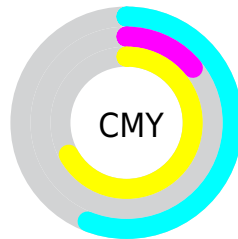
- Red (44%)
- Green (86%)
- Blue (33%)



- Red (33%)
- Yellow (86%)
- Blue (75%)



- Cyan (49%)
- Magenta (0%)
- Yellow (62%)
- Black (14%)





- Cyan (56%)
- Magenta (14%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 78.637, 135.127 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, 78.637, 135.127 by changing the saturation by 10% instead.

 79, 78.637,
135.127

 79, 78.637,
135.127


 100, 78.637,
135.127


 69, 78.637,
135.127


 99, 78.637,
135.127

 59, 78.637,
135.127

 49, 78.637,
135.127

 39, 78.637,
135.127

 29, 78.637,
135.127

 19, 78.637,
135.127

 9, 78.637, 135.127

■ 0, 78.637, 135.127

■ 79, 78.637,
135.127

■ 79, 78.637,
135.127

■ 78, 88.679,
134.605

■ 80, 67.174,
135.777

■ 78, 96.727,
134.335

■ 81, 54.777,
136.460

■ 77, 102.275,
134.437

■ 82, 41.819,
137.120

■ 77, 105.120,
134.754

■ 84, 28.579,
137.729

■ 85, 15.262,
138.277

■ 87, 2.017, 138.848

■ 89, 11.052,
319.128

■ 91, 21.691,
322.679

■ 91, 22.281,
325.200

Harmonies

Complementary

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



79, 78.637, 135.127



55, 80.176, 321.233

Rectangle

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



79, 78.637, 135.127



79, 78.637, 185.127



79, 78.637, 315.127



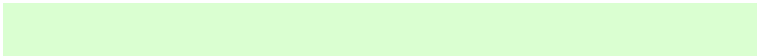
79, 78.637, 5.127

Sweetspot

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



79, 78.638, 135.128



96, 26.961, 137.921



78, 55.937, 91.815



51, 18.746, 137.755



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, 78.638, 135.128



89, 102.390, 134.488



79, 68.197, 147.284



45, 7.496, 138.386



62, 88.017, 134.606



16, 31.964, 136.419

Inverse Universe

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



55, 80.176, 321.233



58, 103.983, 321.361



57, 67.740, 338.540



43, 7.538, 319.203



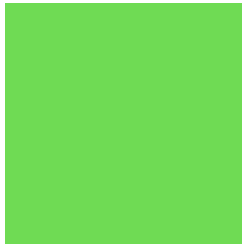
35, 88.189, 320.729



5, 33.543, 321.098

Previews

White Background



This preview shows how the CIELCh color 79, 78.637, 135.127 looks on a white background.

Color Contrast Check

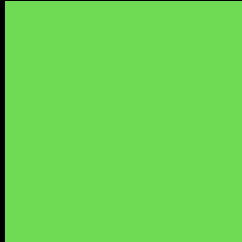
Large Text (above 18pt) WCAG AA × Fail

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, 78.637, 135.127 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, 78.637, 135.127

Background



This preview shows how black text looks on a background with the CIELCh color 79, 78.637, 135.127.

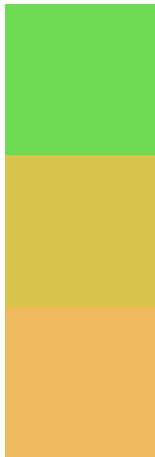


This preview shows how white text looks on a background with the CIELCh color 79, 78.637, 135.127.

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](#).

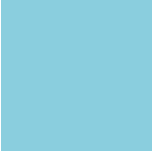
Dichromacy



Original Color
79, 78.637, 135.127

Protanopia
79, 60.400, 95.476

Deuteranopia
78, 53.231, 79.351



Tritanopia
79, 22.786, 220.224

Trichromacy



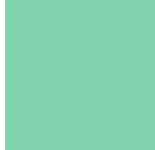
Original Color
79, 78.637, 135.127



Protanomaly
78, 62.884, 114.221



Deuteranomaly
78, 54.649, 107.353

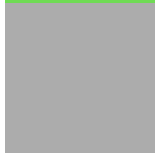


Tritanomaly
79, 35.857, 161.376

Monochromacy



Original Color
79, 78.637, 135.127



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 30.440, 137.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 78.637, 135.127 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(111, 219, 84)` looks like.

```
.text, #text, p{  
    color:rgb(111, 219, 84)  
}
```

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(111, 219, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 219, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 78.637, 135.127 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(111, 219, 84) }
```

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

```
.border{ border-color:rgb(111, 219, 84) }
```

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

Here you see how a box with a 4 pixel rgb(111, 219, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 219, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 219, 84);  
box-shadow:4px 4px 4px 4px rgb(111, 219,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 78.637, 135.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 219, 84) }
```

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

```
.background{ background-color: rgb(111,  
219, 84) }
```

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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