

Converting Colors

CIELCh(79, 70.576, 137.640)

Have a look what the booklet for
CIELCh(79, 70.576, 137.640)
contains.

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Color

CIELCh(79, 70.411, 137.535)

Conversions

Conversions Part 1

Format	Color
Hex	74DA66
RGB	116, 218, 102
RGB Percent	45%, 85%, 40%
CMY	0.5444, 0.1443, 0.5993
CMYK	0.47, 0.00, 0.53, 0.14
HSL	113°, 61%, 63%
HSV	113°, 53%, 86%
XYZ	34.7542, 54.9284, 21.3853
YIQ	174.2780, -23.5560, -57.7000

Conversions

Conversions Part 2

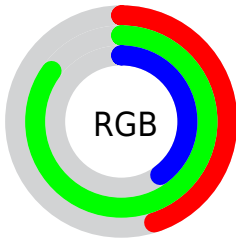
Format	Color
RYB	102, 218, 204
Decimal	7658086
CIELab	79.00, -51.94, 47.54
CIELCh	79, 70.411, 137.535
Yxy	54.9284, 0.3129, 0.4945
Android (android.graphics.Color)	4285848166 (0xFF74DA66)
YUV	174.2780, -35.6331, -51.1098
Hunter-Lab	74.1137, -45.9948, 34.7717

Details

The CIELCh color **79, 70.411, 137.535** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **59, 70.932, 323.480**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 58.270, 137.114**, and **59, 70.287, 137.536** is the 20% darker color. If you saturate the color by 10%, you get **78, 81.738, 136.722**, and if you desaturate by 10%, it is **80, 57.982, 138.359**.

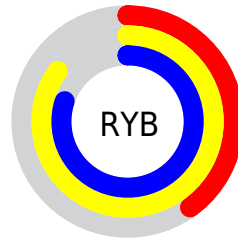
Distribution



Red (45%)

Green (85%)

Blue (40%)



Red (40%)

Yellow (85%)

Blue (80%)

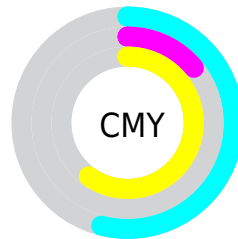


Cyan (47%)

Magenta (0%)

Yellow (53%)

Black (14%)



Cyan (54%)


Magenta (14%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 70.411, 137.535 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, 70.411, 137.535 by changing the saturation by 10% instead.


 79, 70.411,
137.535


 79, 70.411,
137.535


 100, 70.411,
137.535


 69, 70.411,
137.535


 99, 70.411,
137.535

 59, 70.411,
137.535

 49, 70.411,
137.535

 39, 70.411,
137.535

 29, 70.411,
137.535

 19, 70.411,
137.535

 9, 70.411, 137.535

0, 70.411, 137.535

79, 70.411,
137.535

79, 70.411,
137.535

78, 81.738,
136.722

80, 57.982,
138.359

77, 91.438,
136.014

81, 44.867,
139.134

77, 98.930,
135.544

83, 31.390,
139.835

77, 103.753,
135.428

85, 17.792,
140.455

76, 105.698,
135.479

86, 4.252, 141.030

89, 9.103, 321.401

91, 22.186,

321.804

91, 23.049,
325.227

Harmonies

Complementary

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



79, 70.411, 137.535



59, 70.932, 323.480

Rectangle

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



79, 70.411, 137.535



79, 70.411, 187.535



79, 70.411, 317.535



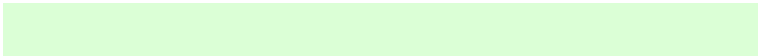
79, 70.411, 7.535

Sweetspot

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



79, 70.412, 137.536



97, 24.557, 140.279



81, 51.997, 98.225



51, 16.591, 140.152



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, 70.412, 137.536



90, 93.590, 136.614



79, 55.802, 151.746



45, 7.683, 140.668



62, 88.927, 135.381



15, 32.621, 137.941

Inverse Universe

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



59, 70.932, 323.480



64, 93.898, 323.785



60, 56.761, 341.839



43, 7.712, 321.554



37, 87.310, 323.595



6, 34.033, 323.974

Previews

White Background



This preview shows how the CIELCh color 79, 70.411, 137.535 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, 70.411, 137.535 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, 70.411, 137.535

Background



This preview shows how black text looks on a background with the CIELCh color 79, 70.411, 137.535.

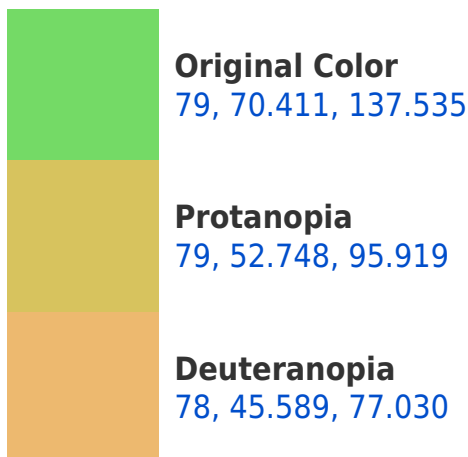


This preview shows how white text looks on a background with the CIELCh color 79, 70.411, 137.535.

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



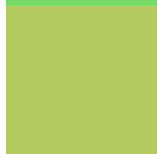


Tritanopia
79, 22.179, 222.460

Trichromacy



Original Color
79, 70.411, 137.535



Protanomaly
78, 55.023, 115.727



Deuteranomaly
77, 46.195, 107.967



Tritanomaly
79, 32.490, 165.289

Monochromacy



Original Color
79, 70.411, 137.535



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 26.771, 139.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 70.411, 137.535 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(116, 218, 102)` looks like.

```
.text, #text, p{  
    color:rgb(116, 218, 102)  
}
```

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(116, 218, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 218, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 70.411, 137.535 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(116, 218, 102) }
```

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

```
.border{ border-color:rgb(116, 218, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 218, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 218, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 218, 102); box-shadow:4px 4px 4px 4px rgb(116, 218, 102) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 70.411, 137.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 218, 102) }
```

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

```
.background{ background-color: rgb(116,  
218, 102) }
```

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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