

Converting Colors

CIELCh(79, 69.263, 136.884)

Have a look what the booklet for
CIELCh(79, 69.263, 136.884)
contains.

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Color

CIELCh(79, 69.319, 136.956)

Conversions

Conversions Part 1

Format	Color
Hex	78DA67
RGB	120, 218, 103
RGB Percent	47%, 85%, 40%
CMY	0.5306, 0.1463, 0.5972
CMYK	0.45, 0.00, 0.53, 0.15
HSL	111°, 61%, 63%
HSV	111°, 53%, 85%
XYZ	35.1291, 54.9284, 21.5085
YIQ	175.5880, -21.4930, -56.5410

Conversions

Conversions Part 2

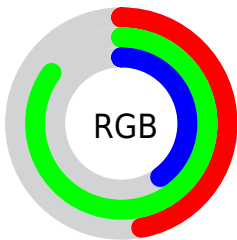
Format	Color
RYB	103, 218, 201
Decimal	7920231
CIELab	79.00, -50.66, 47.31
CIELCh	79, 69.319, 136.956
Yxy	54.9284, 0.3149, 0.4923
Android (android.graphics.Color)	4286110311 (0xFF78DA67)
YUV	175.5880, -35.7859, -48.7507
Hunter-Lab	74.1137, -45.0919, 34.6731

Details

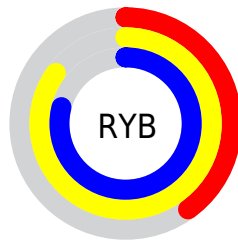
The CIELCh color **79, 69.319, 136.956** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **59, 70.110, 322.640**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 57.300, 136.544**, and **59, 69.237, 136.979** is the 20% darker color. If you saturate the color by 10%, you get **78, 80.644, 136.204**, and if you desaturate by 10%, it is **80, 56.949, 137.729**.

Distribution



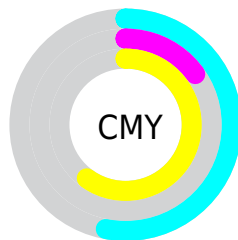
- Red (47%)
- Green (85%)
- Blue (40%)



- Red (40%)
- Yellow (85%)
- Blue (79%)



- Cyan (45%)
- Magenta (0%)
- Yellow (53%)
- Black (15%)





- Cyan (53%)
- Magenta (15%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 69.319, 136.956 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, 69.319, 136.956 by changing the saturation by 10% instead.


 79, 69.319,
136.956

 79, 69.319,
136.956


 100, 69.319,
136.956


 69, 69.319,
136.956


 99, 69.319,
136.956


 59, 69.319,
136.956

 49, 69.319,
136.956

 39, 69.319,
136.956

 29, 69.319,
136.956

 19, 69.319,
136.956

 9, 69.319, 136.956

0, 69.319, 136.956

79, 69.319,
136.956

79, 69.319,
136.956

78, 80.644,
136.204

80, 56.949,
137.729

77, 90.410,
135.567

81, 43.935,
138.463

77, 98.040,
135.175

83, 30.585,
139.131

76, 103.060,
135.143

85, 17.129,
139.725

76, 105.224,
135.273

86, 3.733, 140.286

88, 9.483, 320.638

91, 22.388,

321.100

91, 23.361,
325.238

Harmonies

Complementary

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



79, 69.319, 136.956



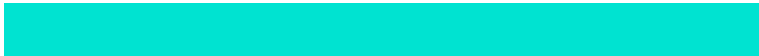
59, 70.110, 322.640

Rectangle

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



79, 69.319, 136.956



79, 69.319, 186.956



79, 69.319, 316.956



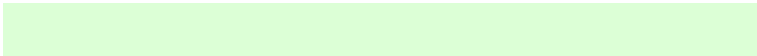
79, 69.319, 6.956

Sweetspot

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



79, 69.320, 136.957



97, 24.348, 139.535



80, 50.862, 97.267



51, 16.449, 139.413



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, 69.320, 136.957



90, 91.765, 136.151



79, 56.120, 151.114



45, 7.619, 139.911



62, 88.662, 135.159



15, 32.393, 137.429

Inverse Universe

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



59, 70.110, 322.640



64, 92.556, 322.920



60, 56.909, 340.933



43, 7.652, 320.771



37, 87.575, 322.608



6, 33.878, 323.015

Previews

White Background



This preview shows how the CIELCh color 79, 69.319, 136.956 looks on a white background.

Color Contrast Check

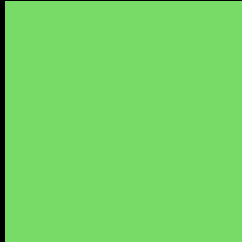
Large Text (above 18pt) WCAG AA × Fail

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, 69.319, 136.956 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, 69.319, 136.956

Background



This preview shows how black text looks on a background with the CIELCh color 79, 69.319, 136.956.



This preview shows how white text looks on a background with the CIELCh color 79, 69.319, 136.956.

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](#).

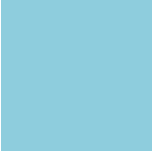
Dichromacy



Original Color
79, 69.319, 136.956

Protanopia
79, 52.287, 95.886

Deuteranopia
78, 45.589, 77.030



Tritanopia
79, 21.531, 221.688

Trichromacy



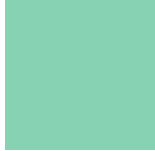
Original Color
79, 69.319, 136.956



Protanomaly
78, 54.490, 115.427



Deuteranomaly
78, 46.181, 107.449

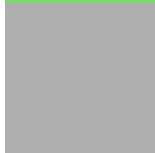


Tritanomaly
79, 31.730, 164.515

Monochromacy



Original Color
79, 69.319, 136.956



Achromatopsia
71, 0.009, 296.813



Achromatomaly
74, 26.542, 139.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 69.319, 136.956 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(120, 218, 103)` looks like.

```
.text, #text, p{  
    color:rgb(120, 218, 103)  
}
```

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(120, 218, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 218, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 69.319, 136.956 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(120, 218, 103) }
```

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

```
.border{ border-color:rgb(120, 218, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 218, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 218, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 218, 103);  
box-shadow:4px 4px 4px 4px rgb(120, 218,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 69.319, 136.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 218, 103) }
```

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

```
.background{ background-color: rgb(120,  
218, 103) }
```

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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