

Converting Colors

CIELCh(74, 81.841, 139.887)

Have a look what the booklet for
CIELCh(74, 81.841, 139.887)
contains.

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Color

CIELCh(74, 81.951, 139.888)

Conversions

Conversions Part 1

Format	Color
Hex	44D04D
RGB	68, 208, 77
RGB Percent	27%, 82%, 30%
CMY	0.7349, 0.1855, 0.6992
CMYK	0.67, 0.00, 0.63, 0.19
HSL	124°, 60%, 54%
HSV	124°, 67%, 81%
XYZ	26.1640, 46.7039, 14.6023
YIQ	151.2060, -41.3890, -70.4210

Conversions

Conversions Part 2

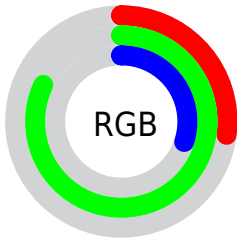
Format	Color
RYB	68, 200, 208
Decimal	4509773
CIELab	74.00, -62.68, 52.80
CIElCh	74, 81.951, 139.888
Yxy	46.7039, 0.2991, 0.5339
Android (android.graphics.Color)	4282699853 (0xFF44D04D)
YUV	151.2060, -36.5836, -72.9717
Hunter-Lab	68.3403, -51.2569, 35.1696

Details

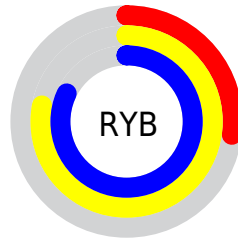
The CIELCh color **74, 81.951, 139.888** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **54, 80.130, 329.846**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 75.815, 140.128**, and **55, 78.855, 137.333** is the 20% darker color. If you saturate the color by 10%, you get **73, 90.410, 138.624**, and if you desaturate by 10%, it is **75, 71.827, 141.153**.

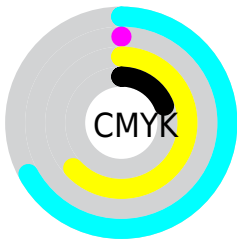
Distribution



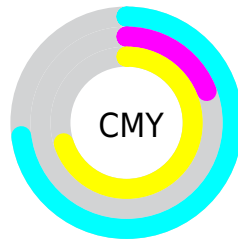
- Red (27%)
- Green (82%)
- Blue (30%)



- Red (27%)
- Yellow (78%)
- Blue (82%)



- Cyan (67%)
- Magenta (0%)
- Yellow (63%)
- Black (19%)



- Cyan (73%)
- Magenta (19%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 81.951, 139.888 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 74, 81.951, 139.888 by changing the saturation by 10% instead.

 74, 81.951,
139.888

 74, 81.951,
139.888

 100, 81.951,
139.888

 64, 81.951,
139.888


 94, 81.951,
139.888

 54, 81.951,
139.888

 44, 81.951,
139.888

 34, 81.951,
139.888

 24, 81.951,
139.888

 14, 81.951,
139.888

 4, 81.951, 139.888

0, 81.951, 139.888

74, 81.951,
139.888

74, 81.951,
139.888

73, 90.410,
138.624

75, 71.827,
141.153

73, 96.778,
137.483

76, 60.464,
142.336

73, 100.773,
136.613

77, 48.252,
143.398

73, 101.451,
136.482

78, 35.527,
144.326

80, 22.564,
145.128

82, 9.581, 145.826

■ 84, 3.261, 326.290

■ 86, 15.848,
326.851

■ 89, 28.104,
327.280

Harmonies

Complementary

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



74, 81.951, 139.888



54, 80.130, 329.846

Rectangle

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



74, 81.951, 139.888



74, 81.951, 189.888



74, 81.951, 319.888



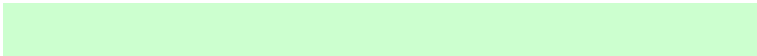
74, 81.951, 9.888

Sweetspot

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



74, 81.951, 139.888



96, 30.568, 144.917



81, 68.344, 106.618



50, 20.863, 144.692



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 81.951, 139.888



88, 109.222, 138.086



75, 55.874, 158.323



43, 7.346, 145.695



60, 86.500, 136.603



13, 29.560, 143.133

Inverse Universe

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



54, 80.130, 329.846



61, 104.424, 330.425



51, 60.307, 355.668



41, 7.360, 326.745



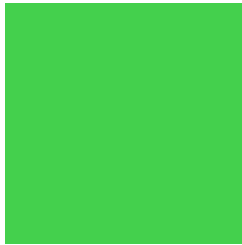
39, 80.479, 330.980



5, 29.609, 330.028

Previews

White Background



This preview shows how the CIELCh color 74, 81.951, 139.888 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 74, 81.951, 139.888 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 74, 81.951, 139.888

Background



This preview shows how black text looks on a background with the CIELCh color 74, 81.951, 139.888.

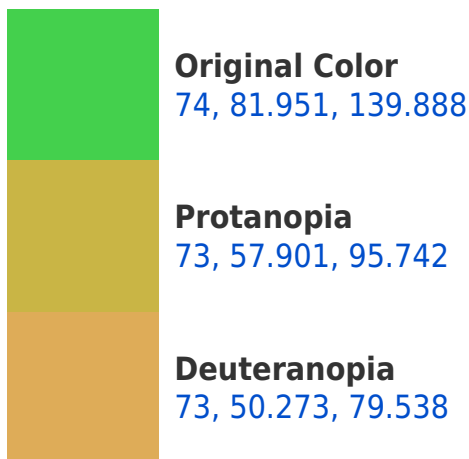


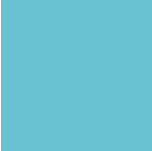
This preview shows how white text looks on a background with the CIELCh color 74, 81.951, 139.888.

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



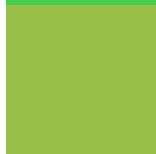


Tritanopia
74, 27.882, 215.845

Trichromacy



Original Color
74, 81.951, 139.888



Protanomaly
72, 62.371, 119.728



Deuteranomaly
72, 52.843, 113.913



Tritanomaly
73, 40.987, 167.037

Monochromacy



Original Color
74, 81.951, 139.888



Achromatopsia
62, 0.008, 296.813



Achromatomaly
66, 33.044, 143.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 81.951, 139.888 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(68, 208, 77)` looks like.

```
.text, #text, p{  
    color:rgb(68, 208, 77)  
}
```

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(68, 208, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 208, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 81.951, 139.888 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(68, 208, 77) }
```

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

```
.border{ border-color:rgb(68, 208, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 208, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 208, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 208, 77);  
box-shadow:4px 4px 4px 4px rgb(68, 208,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 81.951, 139.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 208, 77) }
```

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

```
.background{ background-color: rgb(68, 208,  
77) }
```

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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