

Converting Colors

CIELCh(73, 79.378, 134.762)

Have a look what the booklet for
CIELCh(73, 79.378, 134.762)
contains.

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Color

CIELCh(73, 79.123, 134.696)

Conversions

Conversions Part 1

Format	Color
Hex	5ECA42
RGB	94, 202, 66
RGB Percent	37%, 79%, 26%
CMY	0.6302, 0.2067, 0.7401
CMYK	0.53, 0.00, 0.67, 0.21
HSL	108°, 56%, 53%
HSV	108°, 67%, 79%
XYZ	26.8244, 45.1644, 12.5003
YIQ	154.2040, -20.7120, -65.1920

Conversions

Conversions Part 2

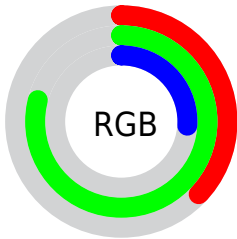
Format	Color
RYB	66, 202, 174
Decimal	6212162
CIELab	73.00, -55.65, 56.24
CIELCh	73, 79.123, 134.696
Yxy	45.1644, 0.3175, 0.5346
Android (android.graphics.Color)	4284402242 (0xFF5ECA42)
YUV	154.2040, -43.4846, -52.7989
Hunter-Lab	67.2044, -46.3601, 36.0149

Details

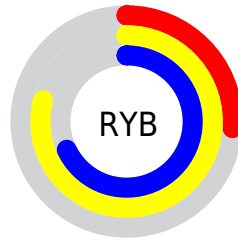
The CIELCh color **73, 79.123, 134.696** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **49, 80.688, 321.138**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 76.709, 134.523**, and **53, 78.459, 135.098** is the 20% darker color. If you saturate the color by 10%, you get **72, 87.597, 134.309**, and if you desaturate by 10%, it is **74, 69.053, 135.276**.

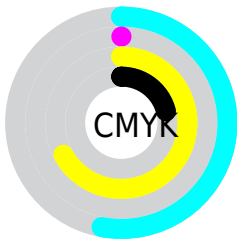
Distribution



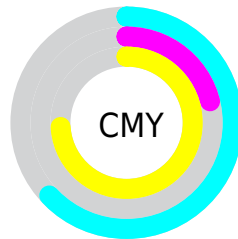
- Red (37%)
- Green (79%)
- Blue (26%)



- Red (26%)
- Yellow (79%)
- Blue (68%)



- Cyan (53%)
- Magenta (0%)
- Yellow (67%)
- Black (21%)





- Cyan (63%)
- Magenta (21%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 79.123, 134.696 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 73, 79.123, 134.696 by changing the saturation by 10% instead.


 73, 79.123,
134.696

 73, 79.123,
134.696

 100, 79.123,
134.696


 63, 79.123,
134.696


 93, 79.123,
134.696

 53, 79.123,
134.696

 43, 79.123,
134.696

 33, 79.123,
134.696

 23, 79.123,
134.696

 13, 79.123,
134.696

 3, 79.123, 134.696

■ 0, 79.123, 134.696

■ 73, 79.123,
134.696

■ 73, 79.123,
134.696

■ 72, 87.597,
134.309

■ 74, 69.053,
135.276

■ 72, 93.950,
134.242

■ 75, 57.886,
135.937

■ 72, 97.902,
134.558

■ 76, 46.024,
136.603

■ 71, 98.754,
134.639

■ 77, 33.770,
137.233

■ 79, 21.348,
137.808

■ 80, 8.919, 138.328

■ 82, 3.397, 318.685

■ 84, 15.520,
319.116

■ 86, 27.392,
319.449

Harmonies

Complementary

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



73, 79.123, 134.696



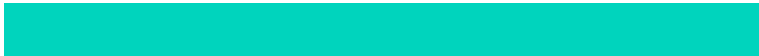
49, 80.688, 321.138

Rectangle

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



73, 79.123, 134.696



73, 79.123, 184.696



73, 79.123, 314.696



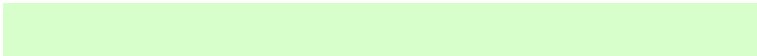
73, 79.123, 4.696

Sweetspot

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



73, 79.123, 134.697



96, 29.916, 137.640



71, 56.661, 91.112



51, 20.418, 137.477



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 79.123, 134.697



89, 108.325, 134.229



73, 68.824, 146.440



42, 7.050, 138.218



59, 85.015, 134.501



12, 26.994, 138.717

Inverse Universe

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



49, 80.688, 321.138



56, 109.787, 321.108



51, 67.714, 339.107



40, 7.090, 319.024



33, 85.361, 320.551



4, 26.901, 319.137

Previews

White Background



This preview shows how the CIELCh color 73, 79.123, 134.696 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 73, 79.123, 134.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

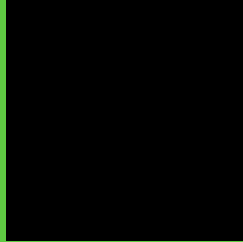
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 79.123, 134.696

Background



This preview shows how black text looks on a background with the CIELCh color 73, 79.123, 134.696.



This preview shows how white text looks on a background with the CIELCh color 73, 79.123, 134.696.

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](#).

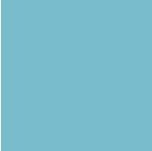
Dichromacy



Original Color
73, 79.123, 134.696

Protanopia
72, 60.427, 95.307

Deuteranopia
72, 54.364, 79.847



Tritanopia
73, 22.710, 219.116

Trichromacy



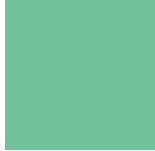
Original Color
73, 79.123, 134.696



Protanomaly
72, 63.450, 114.322



Deuteranomaly
71, 55.439, 107.404



Tritanomaly
72, 36.612, 160.324

Monochromacy



Original Color
73, 79.123, 134.696



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 31.641, 137.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 79.123, 134.696 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(94, 202, 66)` looks like.

```
.text, #text, p{  
    color:rgb(94, 202, 66)  
}
```

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(94, 202, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 202, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 79.123, 134.696 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(94, 202, 66) }
```

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

```
.border{ border-color:rgb(94, 202, 66) }
```

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

Here you see how a box with a 4 pixel rgb(94, 202, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 202, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 202, 66);  
box-shadow:4px 4px 4px 4px rgb(94, 202,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 79.123, 134.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 202, 66) }
```

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

```
.background{ background-color: rgb(94, 202,  
66) }
```

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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