

Converting Colors

CIELCh(73, 78.762, 135.053)

Have a look what the booklet for
CIELCh(73, 78.762, 135.053)
contains.

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Color

CIELCh(73, 78.440, 135.009)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5ECA44 |
| RGB | 94, 202, 68 |
| RGB Percent | 37%, 79%, 27% |
| CMY | 0.6304, 0.2069, 0.7324 |
| CMYK | 0.53, 0.00, 0.66, 0.21 |
| HSL | 108°, 56%, 53% |
| HSV | 108°, 66%, 79% |
| XYZ | 26.8678, 45.1644, 12.8067 |
| YIQ | 154.4320, -21.3540, -64.5700 |

Conversions

Conversions Part 2

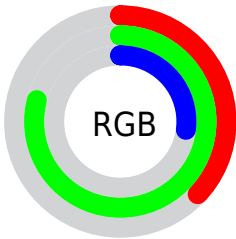
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 68, 202, 176 |
| Decimal | 6212164 |
| CIELab | 73.00, -55.47, 55.46 |
| CIELCh | 73, 78.440, 135.009 |
| Yxy | 45.1644, 0.3167, 0.5324 |
| Android (android.graphics.Color) | 4284402244 (0xFF5ECA44) |
| YUV | 154.4320, -42.6110, -52.9989 |
| Hunter-Lab | 67.2044, -46.2450, 35.7447 |

Details

The CIELCh color **73, 78.440, 135.009** 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, 79.801, 321.498**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 75.924, 134.868**, and **53, 78.392, 135.034** is the 20% darker color. If you saturate the color by 10%, you get **72, 87.092, 134.567**, and if you desaturate by 10%, it is **74, 68.228, 135.627**.

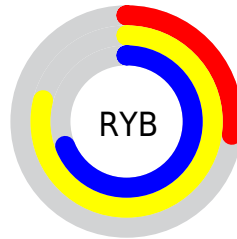
Distribution



Red (37%)

Green (79%)

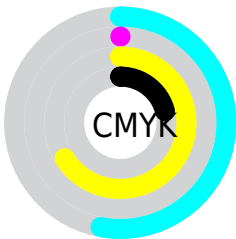
Blue (27%)



Red (27%)

Yellow (79%)

Blue (69%)

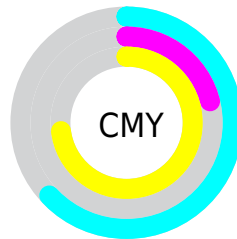


Cyan (53%)

Magenta (0%)

Yellow (66%)

Black (21%)



Cyan (63%)


Magenta (21%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 78.440, 135.009 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, 78.440, 135.009 by changing the saturation by 10% instead.


 73, 78.440,
135.009


 73, 78.440,
135.009


 100, 78.440,
135.009


 63, 78.440,
135.009


 93, 78.440,
135.009

 53, 78.440,
135.009

 43, 78.440,
135.009

 33, 78.440,
135.009

 23, 78.440,
135.009

 13, 78.440,
135.009

 3, 78.440, 135.009

0, 78.440, 135.009

73, 78.440,
135.009

73, 78.440,
135.009

72, 87.092,
134.567

74, 68.228,
135.627

72, 93.652,
134.427

75, 56.951,
136.311

72, 97.776,
134.676

76, 45.002,
136.991

71, 98.916,
134.777

77, 32.681,
137.629

79, 20.206,
138.206

80, 7.740, 138.730

■ 82, 4.602, 319.097

■ 84, 16.739,
319.510

■ 86, 28.616,
319.841

Harmonies

Complementary

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



73, 78.440, 135.009



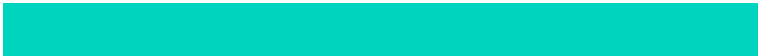
49, 79.801, 321.498

Rectangle

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



73, 78.440, 135.009



73, 78.440, 185.009



73, 78.440, 315.009



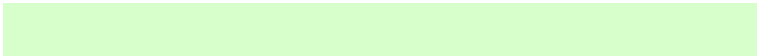
73, 78.440, 5.009

Sweetspot

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



73, 78.440, 135.010



96, 30.027, 137.982



72, 56.596, 92.420



51, 20.494, 137.817



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, 78.440, 135.010



89, 107.827, 134.454



73, 67.106, 147.199



42, 7.076, 138.569



59, 85.175, 134.645



12, 27.088, 138.974

Inverse Universe

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



49, 79.801, 321.498



56, 108.986, 321.508



51, 66.319, 339.852



40, 7.114, 319.382



34, 85.215, 320.965



4, 27.028, 319.656

Previews

White Background



This preview shows how the CIELCh color 73, 78.440, 135.009 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, 78.440, 135.009 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, 78.440, 135.009

Background



This preview shows how black text looks on a background with the CIELCh color 73, 78.440, 135.009.



This preview shows how white text looks on a background with the CIELCh color 73, 78.440, 135.009.

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

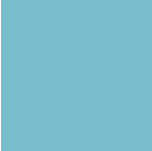
73, 78.440, 135.009

Protanopia

72, 59.637, 95.275

Deuteranopia

72, 53.280, 79.965



Tritanopia
73, 22.710, 219.116

Trichromacy



Original Color
73, 78.440, 135.009



Protanomaly
72, 62.677, 114.509



Deuteranomaly
71, 54.586, 107.983

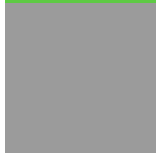


Tritanomaly
72, 36.246, 160.970

Monochromacy



Original Color
73, 78.440, 135.009



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 30.971, 137.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 78.440, 135.009 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, 68)` looks like.

```
.text, #text, p{  
    color:rgb(94, 202, 68)  
}
```

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, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 202, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 78.440, 135.009 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, 68) }
```

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

```
.border{ border-color:rgb(94, 202, 68) }
```

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, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 202, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 202, 68);  
box-shadow:4px 4px 4px 4px rgb(94, 202,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 78.440, 135.009 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, 68) }
```

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

```
.background{ background-color: rgb(94, 202,  
68) }
```

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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