

Converting Colors

CIELCh(73, 97.801, 135.320)

Have a look what the booklet for
CIELCh(73, 97.801, 135.320)
contains.

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Color

CIELCh(73, 97.801, 135.320)

Conversions

Conversions Part 1

Format	Color
Hex	2FCF17
RGB	47, 207, 23
RGB Percent	18%, 81%, 9%
CMY	0.8173, 0.1892, 0.9114
CMYK	0.77, 0.00, 0.89, 0.19
HSL	112°, 80%, 45%
HSV	112°, 89%, 81%
XYZ	23.5585, 45.1644, 8.2644
YIQ	138.1840, -36.2960, -91.1440

Conversions

Conversions Part 2

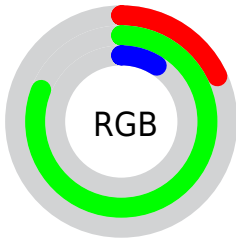
Format	Color
RYB	23, 207, 183
Decimal	3133207
CIELab	73.00, -69.54, 68.77
CIELCh	73, 97.801, 135.320
Yxy	45.1644, 0.3060, 0.5866
Android (android.graphics.Color)	4281323287 (0xFF2FCF17)
YUV	138.1840, -56.7857, -79.9684
Hunter-Lab	67.2044, -55.0346, 39.7520

Details

The CIELCh color **73, 97.801, 135.320** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **46, 96.748, 323.498**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 92.794, 135.185**, and **54, 81.019, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 101.143, 135.391**, and if you desaturate by 10%, it is **73, 92.000, 135.567**.

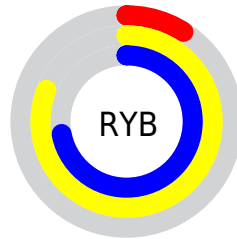
Distribution



Red (18%)

Green (81%)

Blue (9%)



Red (9%)

Yellow (81%)

Blue (72%)

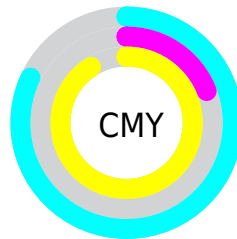


Cyan (77%)

Magenta (0%)

Yellow (89%)

Black (19%)



Cyan (82%)


Magenta (19%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 97.801, 135.320 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, 97.801, 135.320 by changing the saturation by 10% instead.


 73, 97.801,
135.320


 73, 97.801,
135.320


 100, 97.801,
135.320


 63, 97.801,
135.320


 93, 97.801,
135.320

 53, 97.801,
135.320

 43, 97.801,
135.320

 33, 97.801,
135.320

 23, 97.801,
135.320

 13, 97.801,
135.320

 3, 97.801, 135.320

■ 0, 97.801, 135.320

■ 73, 97.801,
135.320

■ 73, 97.801,
135.320

■ 73, 101.143,
135.391

■ 73, 92.000,
135.567

■ 73, 101.392,
135.389

■ 74, 83.827,
136.125

■ 75, 73.804,
136.865

■ 76, 62.469,
137.669

■ 77, 50.276,
138.458

■ 78, 37.578,
139.188

■ 80, 24.643,
139.843

■ 81, 11.672,
140.424

■ 83, 1.191, 320.700

Harmonies

Complementary

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



73, 97.801, 135.320



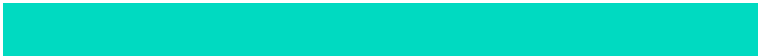
46, 96.748, 323.498

Rectangle

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



73, 97.801, 135.320



73, 97.801, 185.320



73, 97.801, 315.320



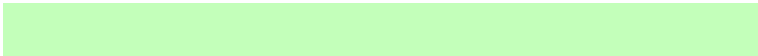
73, 97.801, 5.320

Sweetspot

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



73, 97.801, 135.321



95, 41.379, 139.309



74, 73.246, 94.449



50, 27.864, 139.069



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, 97.801, 135.321



88, 118.881, 135.467



73, 80.572, 145.467



43, 7.366, 140.405



60, 86.881, 135.291



13, 29.330, 139.404

Inverse Universe

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



46, 96.748, 323.498



55, 116.745, 323.126



47, 74.862, 347.598



41, 7.395, 321.275



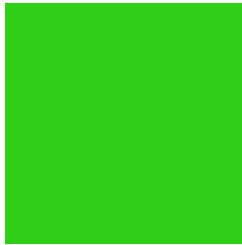
36, 85.490, 323.255



5, 29.986, 322.941

Previews

White Background



This preview shows how the CIELCh color 73, 97.801, 135.320 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, 97.801, 135.320 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, 97.801, 135.320

Background



This preview shows how black text looks on a background with the CIELCh color 73, 97.801, 135.320.

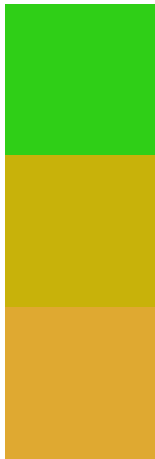


This preview shows how white text looks on a background with the CIELCh color 73, 97.801, 135.320.

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, 97.801, 135.320

Protanopia
72, 73.585, 95.187

Deuteranopia
72, 65.722, 82.057



Tritanopia
73, 29.096, 215.002

Trichromacy



Original Color
73, 97.801, 135.320



Protanomaly
71, 78.123, 116.973



Deuteranomaly
70, 69.574, 112.151



Tritanomaly
72, 49.923, 158.405

Monochromacy



Original Color
73, 97.801, 135.320



Achromatopsia
57, 0.007, 296.813



Achromatomaly
62, 43.476, 138.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 97.801, 135.320 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(47, 207, 23)` looks like.

```
.text, #text, p{  
    color:rgb(47, 207, 23)  
}
```

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(47, 207, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 207, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 97.801, 135.320 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(47, 207, 23) }
```

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

```
.border{ border-color:rgb(47, 207, 23) }
```

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

Here you see how a box with a 4 pixel rgb(47, 207, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 207, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 207, 23);  
box-shadow:4px 4px 4px 4px rgb(47, 207,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 97.801, 135.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 207, 23) }
```

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

```
.background{ background-color: rgb(47, 207,  
23) }
```

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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