

Converting Colors

CIELCh(73, 95.116, 131.017)

Have a look what the booklet for
CIELCh(73, 95.116, 131.017)
contains.

CIELCh(73, 95.029, 131.053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 95.029, 131.053)

Conversions

Conversions Part 1

Format	Color
Hex	52CC02
RGB	82, 204, 2
RGB Percent	32%, 80%, 1%
CMY	0.6769, 0.1986, 0.9922
CMYK	0.60, 0.00, 0.99, 0.20
HSL	96°, 98%, 40%
HSV	96°, 99%, 80%
XYZ	25.1997, 45.1644, 7.4459
YIQ	144.4940, -7.8700, -88.6860

Conversions

Conversions Part 2

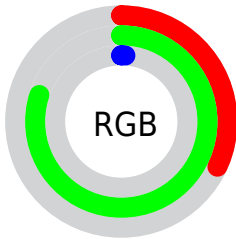
Format	Color
RYB	2, 204, 124
Decimal	5426178
CIELab	73.00, -62.41, 71.66
CIELCh	73, 95.029, 131.053
Yxy	45.1644, 0.3239, 0.5804
Android (android.graphics.Color)	4283616258 (0xFF52CC02)
YUV	144.4940, -70.2495, -54.8072
Hunter-Lab	67.2044, -50.6756, 40.4741

Details

The CIELCh color **73, 95.029, 131.053** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **35, 103.009, 314.466**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 91.736, 130.635**, and **53, 79.838, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 95.365, 131.137**, and if you desaturate by 10%, it is **73, 91.134, 130.172**.

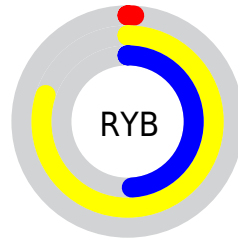
Distribution



Red (32%)

Green (80%)

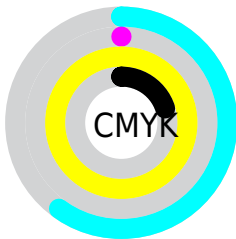
Blue (1%)



Red (1%)

Yellow (80%)

Blue (49%)

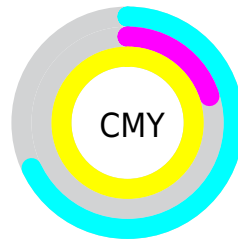


Cyan (60%)

Magenta (0%)

Yellow (99%)

Black (20%)



Cyan (68%)


Magenta (20%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 95.029, 131.053 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, 95.029, 131.053 by changing the saturation by 10% instead.


 73, 95.029,
131.053


 73, 95.029,
131.053


 100, 95.029,
131.053


 63, 95.029,
131.053


 93, 95.029,
131.053

 53, 95.029,
131.053

 43, 95.029,
131.053

 33, 95.029,
131.053

 23, 95.029,
131.053

 13, 95.029,
131.053

 3, 95.029, 131.053

■ 0, 95.029, 131.053

■ 73, 95.029,
131.053

■ 73, 95.029,
131.053

■ 73, 95.365,
131.137

■ 73, 91.134,
130.172

■ 74, 85.151,
129.705

■ 75, 77.157,
129.651

■ 75, 67.639,
129.882

■ 76, 57.081,
130.280

■ 77, 45.864,
130.756

■ 78, 34.265,
131.254

■ 80, 22.477,
131.743

■ 81, 10.638,
132.206

Harmonies

Complementary

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



73, 95.029, 131.053



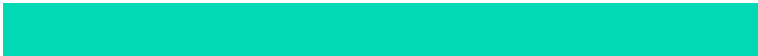
35, 103.009, 314.466

Rectangle

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



73, 95.029, 131.053



73, 95.029, 181.053



73, 95.029, 311.053



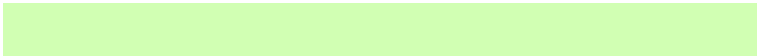
73, 95.029, 1.053

Sweetspot

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



73, 95.029, 131.054



95, 42.372, 131.187



59, 69.759, 69.391



50, 28.861, 130.973



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, 95.029, 131.054



89, 112.932, 131.330



72, 99.064, 136.906



42, 6.677, 132.190



60, 81.418, 130.911



13, 25.424, 133.892

Inverse Universe

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



35, 103.009, 314.466



44, 122.281, 314.265



47, 90.259, 332.648



40, 6.749, 312.949



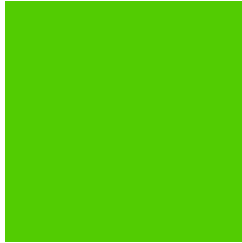
28, 88.370, 314.569



3, 25.137, 310.699

Previews

White Background



This preview shows how the CIE LCh color 73, 95.029, 131.053 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, 95.029, 131.053 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, 95.029, 131.053

Background



This preview shows how black text looks on a background with the CIELCh color 73, 95.029, 131.053.



This preview shows how white text looks on a background with the CIELCh color 73, 95.029, 131.053.

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, 94.940, 131.086

Protanopia
72, 74.782, 94.847

Deuteranopia
72, 67.860, 82.115



Tritanopia
73, 24.403, 217.457

Trichromacy



Original Color
73, 94.940, 131.086



Protanomaly
72, 78.288, 112.475



Deuteranomaly
71, 71.259, 106.441



Tritanomaly
72, 47.981, 150.118

Monochromacy



Original Color
73, 94.940, 131.086



Achromatopsia
60, 0.008, 296.813



Achromatomaly
64, 44.094, 130.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 95.029, 131.053 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(82, 204, 2)` looks like.

```
.text, #text, p{  
    color:rgb(82, 204, 2)  
}
```

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(82, 204, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 204, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 95.029, 131.053 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(82, 204, 2) }
```

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

```
.border{ border-color:rgb(82, 204, 2) }
```

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

Here you see how a box with a 4 pixel rgb(82, 204, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 204, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 204, 2);  
box-shadow:4px 4px 4px 4px rgb(82, 204, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 73, 95.029, 131.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 204, 2) }
```

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

```
.background{ background-color: rgb(82, 204,  
2) }
```

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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