

Converting Colors

CIELCh(72, 95.139, 134.113)

Have a look what the booklet for
CIELCh(72, 95.139, 134.113)
contains.

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Color

CIELCh(72, 95.226, 134.155)

Conversions

Conversions Part 1

Format	Color
Hex	3CCB15
RGB	60, 203, 21
RGB Percent	24%, 80%, 8%
CMY	0.7654, 0.2044, 0.9185
CMYK	0.71, 0.00, 0.90, 0.20
HSL	107°, 81%, 44%
HSV	107°, 90%, 80%
XYZ	23.3110, 43.6590, 7.8963
YIQ	139.4950, -26.8060, -86.9180

Conversions

Conversions Part 2

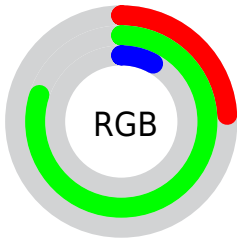
Format	Color
RYB	21, 203, 164
Decimal	3984149
CIELab	72.00, -66.33, 68.32
CIELCh	72, 95.226, 134.155
Yxy	43.6590, 0.3114, 0.5832
Android (android.graphics.Color)	4282174229 (0xFF3CCB15)
YUV	139.4950, -58.4180, -69.7171
Hunter-Lab	66.0750, -52.6572, 39.1670

Details

The CIELCh color **72, 95.226, 134.155** 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 **42, 96.310, 320.628**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 92.397, 133.969**, and **53, 79.444, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **72, 98.766, 134.532**, and if you desaturate by 10%, it is **72, 89.450, 134.098**.

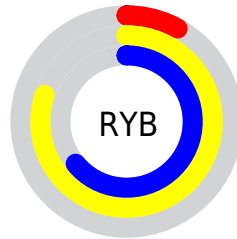
Distribution



Red (24%)

Green (80%)

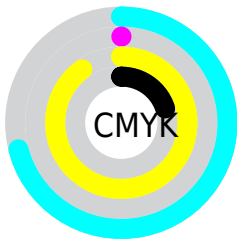
Blue (8%)



Red (8%)

Yellow (80%)

Blue (64%)

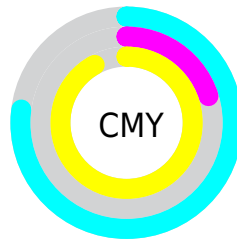


Cyan (71%)

Magenta (0%)

Yellow (90%)

Black (20%)



Cyan (77%)


Magenta (20%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 95.226, 134.155 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 72, 95.226, 134.155 by changing the saturation by 10% instead.


 72, 95.226,
134.155


 72, 95.226,
134.155


 100, 95.226,
134.155


 62, 95.226,
134.155


 92, 95.226,
134.155

 52, 95.226,
134.155

 42, 95.226,
134.155

 32, 95.226,
134.155

 22, 95.226,
134.155

 12, 95.226,
134.155

 2, 95.226, 134.155

■ 0, 95.226, 134.155

■ 72, 95.226,
134.155

■ 72, 95.226,
134.155

■ 72, 98.766,
134.532

■ 72, 89.450,
134.098

■ 72, 98.840,
134.538

■ 73, 81.446,
134.394

■ 74, 71.715,
134.918

■ 75, 60.775,
135.551

■ 76, 49.055,
136.209

■ 77, 36.879,
136.842

■ 78, 24.485,
137.425

■ 80, 12.048,
137.952

■ 82, 0.304, 317.709

Harmonies

Complementary

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



72, 95.226, 134.155



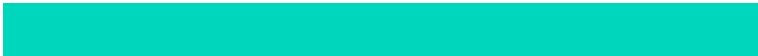
42, 96.310, 320.628

Rectangle

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



72, 95.226, 134.155



72, 95.226, 184.155



72, 95.226, 314.155



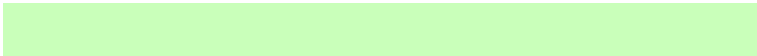
72, 95.226, 4.155

Sweetspot

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



72, 95.226, 134.156



95, 40.296, 136.987



69, 69.139, 87.950



50, 27.137, 136.777



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 95.226, 134.156



88, 117.621, 134.667



72, 85.159, 142.418



42, 7.032, 137.970



59, 84.897, 134.394



12, 26.927, 138.535

Inverse Universe

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



42, 96.310, 320.628



51, 118.099, 320.056



46, 77.672, 342.054



40, 7.074, 318.770



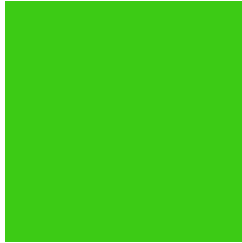
33, 85.467, 320.262



4, 26.812, 318.769

Previews

White Background



This preview shows how the CIE LCh color 72, 95.226, 134.155 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 72, 95.226, 134.155 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 72, 95.226, 134.155

Background



This preview shows how black text looks on a background with the CIELCh color 72, 95.226, 134.155.



This preview shows how white text looks on a background with the CIELCh color 72, 95.226, 134.155.

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

72, 95.226, 134.155

Protanopia

71, 73.103, 95.068

Deuteranopia

71, 65.358, 81.809

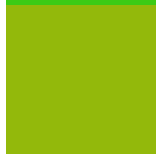


Tritanopia
72, 27.339, 215.091

Trichromacy



Original Color
72, 95.226, 134.155



Protanomaly
70, 77.054, 115.287



Deuteranomaly
70, 68.286, 109.766



Tritanomaly
71, 48.366, 156.205

Monochromacy



Original Color
72, 95.226, 134.155



Achromatopsia
58, 0.007, 296.813



Achromatomaly
62, 41.870, 136.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 95.226, 134.155 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(60, 203, 21)` looks like.

```
.text, #text, p{  
    color:rgb(60, 203, 21)  
}
```

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(60, 203, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 203, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 95.226, 134.155 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(60, 203, 21) }
```

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

```
.border{ border-color:rgb(60, 203, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 203, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 203, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 203, 21);  
box-shadow:4px 4px 4px 4px rgb(60, 203,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 95.226, 134.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 203, 21) }
```

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

```
.background{ background-color: rgb(60, 203,  
21) }
```

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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