

Converting Colors

CIELCh(74, 100.217, 135.212)

Have a look what the booklet for
CIELCh(74, 100.217, 135.212)
contains.

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Color

CIELCh(74, 100.206, 135.228)

Conversions

Conversions Part 1

Format	Color
Hex	2BD210
RGB	43, 210, 16
RGB Percent	17%, 82%, 6%
CMY	0.8305, 0.1760, 0.9362
CMYK	0.79, 0.00, 0.92, 0.18
HSL	112°, 86%, 44%
HSV	112°, 92%, 82%
XYZ	24.1744, 46.7039, 8.2406
YIQ	137.9510, -37.2580, -95.7380

Conversions

Conversions Part 2

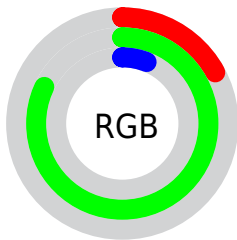
Format	Color
RYB	16, 210, 183
Decimal	2871824
CIELab	74.00, -71.14, 70.57
CIELCh	74, 100.206, 135.228
Yxy	46.7039, 0.3055, 0.5903
Android (android.graphics.Color)	4281061904 (0xFF2BD210)
YUV	137.9510, -60.1218, -83.2720
Hunter-Lab	68.3403, -56.4536, 40.6889

Details

The CIELCh color **74, 100.206, 135.228** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **46, 99.103, 323.111**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 93.935, 134.932**, and **55, 82.195, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 102.536, 135.328**, and if you desaturate by 10%, it is **74, 95.160, 135.321**.

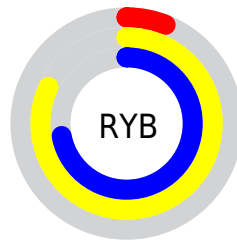
Distribution



Red (17%)

Green (82%)

Blue (6%)



Red (6%)

Yellow (82%)

Blue (72%)

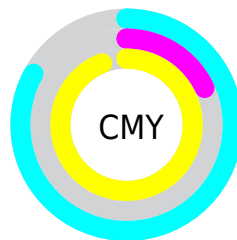


Cyan (79%)

Magenta (0%)

Yellow (92%)

Black (18%)



Cyan (83%)


Magenta (18%)

Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 100.206, 135.228 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 74, 100.206, 135.228 by changing the saturation by 10% instead.

 74, 100.206,
135.228

 74, 100.206,
135.228

 100, 100.206,
135.228


 64, 100.206,
135.228


 94, 100.206,
135.228

 54, 100.206,
135.228

 44, 100.206,
135.228

 34, 100.206,
135.228

 24, 100.206,
135.228

 14, 100.206,
135.228

 4, 100.206,

135.228

■ 0, 100.206,
135.228

■ 74, 100.206,
135.228

■ 74, 100.206,
135.228

■ 74, 102.536,
135.328

■ 74, 95.160,
135.321

■ 75, 87.594,
135.762

■ 76, 77.983,
136.433

■ 77, 66.885,
137.208

■ 78, 54.791,
137.993

■ 79, 42.087,
138.733

■ 80, 29.070,
139.405

■ 82, 15.958,
140.001

■ 84, 2.915, 140.577

Harmonies

Complementary

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



74, 100.206, 135.228



46, 99.103, 323.111

Rectangle

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



74, 100.206, 135.228



74, 100.206, 185.228



74, 100.206, 315.228



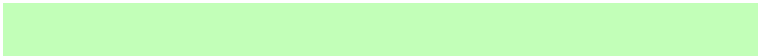
74, 100.206, 5.228

Sweetspot

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



74, 100.205, 135.229



94, 42.787, 139.007



74, 74.297, 92.860



50, 29.506, 138.704



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 100.205, 135.229



88, 118.778, 135.402



74, 84.576, 144.160



43, 7.345, 140.159



60, 86.795, 135.217



13, 29.252, 139.219

Inverse Universe

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



46, 99.103, 323.111



54, 116.866, 322.798



47, 76.919, 347.127



41, 7.376, 321.021



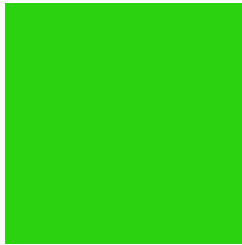
36, 85.574, 322.935



5, 29.904, 322.599

Previews

White Background



This preview shows how the CIELCh color 74, 100.206, 135.228 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 CIE LCh color 74, 100.206, 135.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

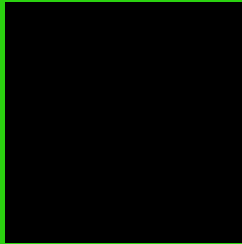
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 100.206, 135.228

Background



This preview shows how black text looks on a background with the CIELCh color 74, 100.206, 135.228.



This preview shows how white text looks on a background with the CIELCh color 74, 100.206, 135.228.

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

74, 100.206, 135.228

Protanopia

73, 75.623, 95.309

Deuteranopia

73, 67.267, 82.102



Tritanopia
74, 29.740, 214.535

Trichromacy



Original Color

74, 100.206, 135.228



Protanomaly

72, 80.658, 117.294



Deuteranomaly

71, 71.164, 112.209



Tritanomaly

73, 52.103, 157.306

Monochromacy



Original Color

74, 100.206, 135.228



Achromatopsia

57, 0.007, 296.813



Achromatomaly

62, 45.192, 137.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 100.206, 135.228 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(43, 210, 16)` looks like.

```
.text, #text, p{  
    color:rgb(43, 210, 16)  
}
```

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(43, 210, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 210, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 100.206, 135.228 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(43, 210, 16) }
```

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

```
.border{ border-color:rgb(43, 210, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 210, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 210, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 210, 16);  
box-shadow:4px 4px 4px 4px rgb(43, 210,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 100.206, 135.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 210, 16) }
```

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

```
.background{ background-color: rgb(43, 210,  
16) }
```

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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