

Converting Colors

CIELCh(74, 95.688, 137.024)

Have a look what the booklet for
CIELCh(74, 95.688, 137.024)
contains.

CIELCh(74, 95.742, 137.056)	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(74, 95.742, 137.056)

Conversions

Conversions Part 1

Format	Color
Hex	2BD22A
RGB	43, 210, 42
RGB Percent	17%, 82%, 16%
CMY	0.8323, 0.1770, 0.8359
CMYK	0.80, 0.00, 0.80, 0.18
HSL	120°, 67%, 49%
HSV	120°, 80%, 82%
XYZ	24.4162, 46.7039, 9.9038
YIQ	140.9150, -45.6040, -87.6520

Conversions

Conversions Part 2

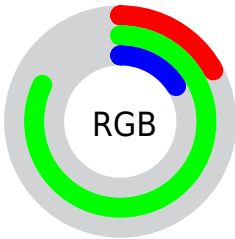
Format	Color
RYB	42, 210, 209
Decimal	2871850
CIELab	74.00, -70.09, 65.23
CIELCh	74, 95.742, 137.056
Yxy	46.7039, 0.3013, 0.5764
Android (android.graphics.Color)	4281061930 (0xFF2BD22A)
YUV	140.9150, -48.7651, -85.8715
Hunter-Lab	68.3403, -55.8220, 39.2460

Details

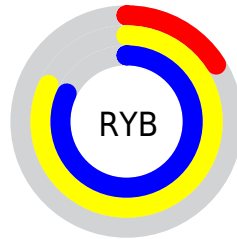
The CIELCh color **74, 95.742, 137.056** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **52, 93.375, 327.826**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 89.312, 136.979**, and **55, 82.195, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 100.801, 136.369**, and if you desaturate by 10%, it is **74, 88.047, 138.026**.

Distribution



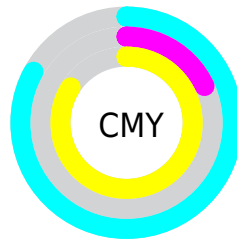
- Red (17%)
- Green (82%)
- Blue (16%)



- Red (16%)
- Yellow (82%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (18%)





- Cyan (83%)
- Magenta (18%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 95.742, 137.056 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, 95.742, 137.056 by changing the saturation by 10% instead.


 74, 95.742,
137.056

 74, 95.742,
137.056


 100, 95.742,
137.056


 64, 95.742,
137.056


 94, 95.742,
137.056

 54, 95.742,
137.056

 44, 95.742,
137.056

 34, 95.742,
137.056

 24, 95.742,
137.056

 14, 95.742,
137.056

 4, 95.742, 137.056

■ 0, 95.742, 137.056

■ 74, 95.742,
137.056

■ 74, 95.742,
137.056

■ 74, 100.801,
136.369

■ 74, 88.047,
138.026

■ 74, 103.388,
135.997

■ 75, 78.191,
139.131

■ 76, 66.729,
140.244

■ 77, 54.163,
141.285

■ 79, 40.914,
142.215

■ 80, 27.320,
143.026

■ 82, 13.641,
143.727

■ 84, 0.070, 148.094

■ 86, 13.256,
324.770

Harmonies

Complementary

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



74, 95.742, 137.056



52, 93.375, 327.826

Rectangle

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



74, 95.742, 137.056



74, 95.742, 187.056



74, 95.742, 317.056



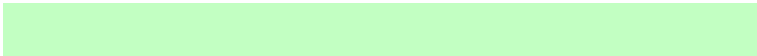
74, 95.742, 7.056

Sweetspot

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



74, 95.742, 137.057



95, 38.299, 142.699



81, 76.297, 102.485



50, 26.300, 142.403



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, 95.742, 137.057



88, 118.940, 136.107



75, 68.226, 152.434



43, 7.668, 143.770



60, 87.714, 135.991



13, 30.487, 141.971

Inverse Universe

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



52, 93.375, 327.826



60, 114.924, 328.001



48, 69.216, 353.994



41, 7.680, 324.788



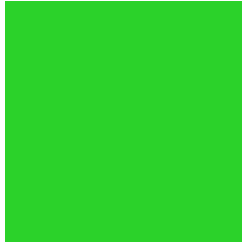
40, 84.678, 328.019



6, 31.070, 327.629

Previews

White Background



This preview shows how the CIE LCh color 74, 95.742, 137.056 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 74, 95.742, 137.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

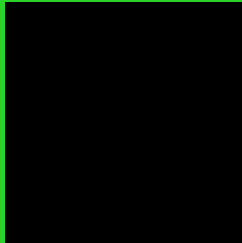
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 95.742, 137.056

Background



This preview shows how black text looks on a background with the CIELCh color 74, 95.742, 137.056.



This preview shows how white text looks on a background with the CIELCh color 74, 95.742, 137.056.

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, 95.742, 137.056

Protanopia

73, 70.134, 95.267

Deuteranopia

73, 62.470, 81.413



Tritanopia
74, 29.936, 214.406

Trichromacy



Original Color
74, 95.742, 137.056



Protanomaly
72, 74.988, 118.481



Deuteranomaly
71, 65.991, 113.703



Tritanomaly
73, 48.885, 161.504

Monochromacy



Original Color
74, 95.742, 137.056



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 41.260, 141.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 95.742, 137.056 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, 42)` looks like.

```
.text, #text, p{  
    color:rgb(43, 210, 42)  
}
```

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, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 210, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 95.742, 137.056 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, 42) }
```

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

```
.border{ border-color:rgb(43, 210, 42) }
```

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, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 210, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 210, 42);  
box-shadow:4px 4px 4px 4px rgb(43, 210,  
42) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 95.742, 137.056 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, 42) }
```

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

```
.background{ background-color: rgb(43, 210,  
42) }
```

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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