

Converting Colors

CIELCh(74, 91.724, 140.604)

Have a look what the booklet for
CIELCh(74, 91.724, 140.604)
contains.

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Color

CIELCh(74, 91.522, 140.645)

Conversions

Conversions Part 1

Format	Color
Hex	12D23F
RGB	18, 210, 63
RGB Percent	7%, 82%, 25%
CMY	0.9297, 0.1755, 0.7520
CMYK	0.91, 0.00, 0.70, 0.18
HSL	134°, 84%, 45%
HSV	134°, 91%, 82%
XYZ	24.2592, 46.7039, 12.4742
YIQ	135.8340, -67.2450, -86.4210

Conversions

Conversions Part 2

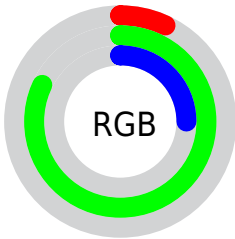
Format	Color
RYB	18, 174, 210
Decimal	1233471
CIELab	74.00, -70.77, 58.04
CIELCh	74, 91.522, 140.645
Yxy	46.7039, 0.2907, 0.5597
Android (android.graphics.Color)	4279423551 (0xFF12D23F)
YUV	135.8340, -35.9072, -103.3404
Hunter-Lab	68.3403, -56.2321, 37.0159

Details

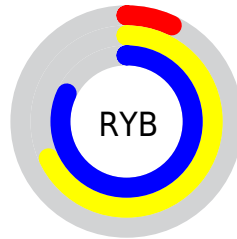
The CIELCh color **74, 91.522, 140.645** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **48, 82.657, 339.395**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 84.639, 141.005**, and **55, 82.195, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 95.898, 139.218**, and if you desaturate by 10%, it is **74, 85.095, 142.410**.

Distribution



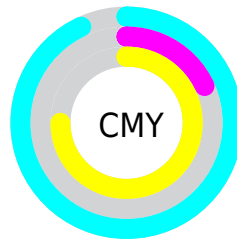
- Red (7%)
- Green (82%)
- Blue (25%)



- Red (7%)
- Yellow (68%)
- Blue (82%)



- Cyan (91%)
- Magenta (0%)
- Yellow (70%)
- Black (18%)





- Cyan (93%)
- Magenta (18%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 91.522, 140.645 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, 91.522, 140.645 by changing the saturation by 10% instead.


 74, 91.522,
140.645


 74, 91.522,
140.645


 100, 91.522,
140.645


 64, 91.522,
140.645


 94, 91.522,
140.645

 54, 91.522,
140.645

 44, 91.522,
140.645

 34, 91.522,
140.645

 24, 91.522,
140.645

 14, 91.522,
140.645

 4, 91.522, 140.645

■ 0, 91.522, 140.645

■ 74, 91.522,
140.645

■ 74, 91.522,
140.645

■ 74, 95.898,
139.218

■ 74, 85.095,
142.410

■ 75, 77.290,
144.105

■ 76, 68.285,
145.663

■ 76, 58.297,
147.054

■ 78, 47.569,
148.275

■ 79, 36.339,
149.335

■ 80, 24.829,
150.253

■ 82, 13.226,
151.054

■ 84, 1.681, 151.910

Harmonies

Complementary

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



74, 91.522, 140.645



48, 82.657, 339.395

Rectangle

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



74, 91.522, 140.645



74, 91.522, 190.645



74, 91.522, 320.645



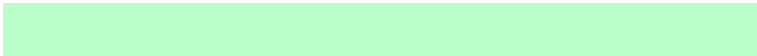
74, 91.522, 10.645

Sweetspot

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



74, 91.522, 140.645



94, 36.501, 149.734



79, 84.541, 115.930



50, 24.573, 149.406



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, 91.522, 140.645



88, 111.449, 139.017



75, 56.456, 166.169



43, 6.504, 151.209



60, 80.706, 139.507



13, 27.046, 146.256

Inverse Universe

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



48, 82.657, 339.395



57, 96.105, 340.714



45, 73.620, 19.980



41, 6.528, 332.378



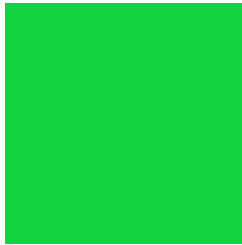
38, 70.718, 340.301



5, 25.932, 337.418

Previews

White Background



This preview shows how the CIELCh color 74, 91.522, 140.645 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, 91.522, 140.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

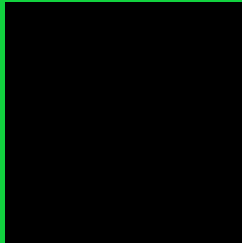
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 91.522, 140.645

Background



This preview shows how black text looks on a background with the CIELCh color 74, 91.522, 140.645.



This preview shows how white text looks on a background with the CIELCh color 74, 91.522, 140.645.

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

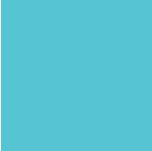
74, 91.486, 140.620

Protanopia

73, 63.481, 95.515

Deuteranopia

73, 55.359, 79.814



Tritanopia
74, 31.642, 213.345

Trichromacy



Original Color
74, 91.486, 140.620



Protanomaly
72, 70.375, 123.571



Deuteranomaly
71, 59.657, 119.378



Tritanomaly
73, 48.363, 167.026

Monochromacy



Original Color
74, 91.486, 140.620



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 39.792, 148.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 91.522, 140.645 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(18, 210, 63)` looks like.

```
.text, #text, p{  
    color:rgb(18, 210, 63)  
}
```

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(18, 210, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 210, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 91.522, 140.645 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(18, 210, 63) }
```

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

```
.border{ border-color:rgb(18, 210, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 210, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 210, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 210, 63);  
box-shadow:4px 4px 4px 4px rgb(18, 210,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 91.522, 140.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 210, 63) }
```

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

```
.background{ background-color: rgb(18, 210,  
63) }
```

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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