

Converting Colors

CIELCh(74, 78.218, 127.808)

Have a look what the booklet for
CIELCh(74, 78.218, 127.808)
contains.

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Color

CIELCh(74, 78.269, 127.810)

Conversions

Conversions Part 1

Format	Color
Hex	7ACA37
RGB	122, 202, 55
RGB Percent	48%, 79%, 22%
CMY	0.5212, 0.2075, 0.7839
CMYK	0.40, 0.00, 0.73, 0.21
HSL	93°, 58%, 50%
HSV	93°, 73%, 79%
XYZ	29.8723, 46.7039, 11.0667
YIQ	161.3220, -0.4930, -62.6770

Conversions

Conversions Part 2

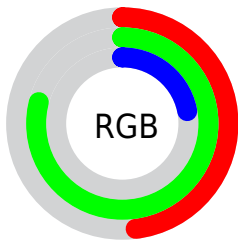
Format	Color
RYB	55, 202, 135
Decimal	8047159
CIELab	74.00, -47.98, 61.84
CIELCh	74, 78.269, 127.810
Yxy	46.7039, 0.3408, 0.5329
Android (android.graphics.Color)	4286237239 (0xFF7ACA37)
YUV	161.3220, -52.4167, -34.4854
Hunter-Lab	68.3403, -41.5712, 38.2370

Details

The CIELCh color **74, 78.269, 127.810** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **41, 86.036, 313.710**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 75.913, 127.243**, and **54, 73.606, 129.734** is the 20% darker color. If you saturate the color by 10%, you get **73, 85.381, 128.072**, and if you desaturate by 10%, it is **75, 69.491, 127.896**.

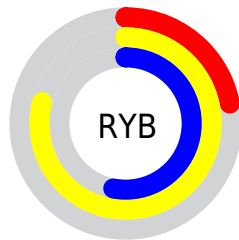
Distribution



Red (48%)

Green (79%)

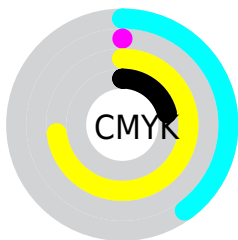
Blue (22%)



Red (22%)

Yellow (79%)

Blue (53%)

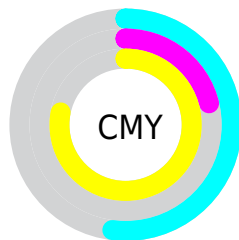


Cyan (40%)

Magenta (0%)

Yellow (73%)

Black (21%)



Cyan (52%)


Magenta (21%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 78.269, 127.810 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, 78.269, 127.810 by changing the saturation by 10% instead.


 74, 78.269,
127.810


 74, 78.269,
127.810


 100, 78.269,
127.810


 64, 78.269,
127.810


 94, 78.269,
127.810

 54, 78.269,
127.810

 44, 78.269,
127.810

 34, 78.269,
127.810

 24, 78.269,
127.810

 14, 78.269,
127.810

 4, 78.269, 127.810

0, 78.269, 127.810

74, 78.269,
127.810

74, 78.269,
127.810

73, 85.381,
128.072

75, 69.491,
127.896

73, 90.405,
128.792

75, 59.538,
128.200

73, 92.945,
129.530

76, 48.820,
128.624

77, 37.639,
129.100

78, 26.208,
129.585

80, 14.672,
130.057

■ 81, 3.136, 130.529

■ 82, 8.328, 310.872

■ 84, 19.668,
311.245

Harmonies

Complementary

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



74, 78.269, 127.810



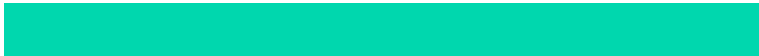
41, 86.036, 313.710

Rectangle

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



74, 78.269, 127.810



74, 78.269, 177.810



74, 78.269, 307.810



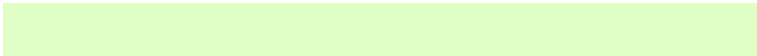
74, 78.269, 357.810

Sweetspot

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



74, 78.269, 127.811



97, 30.629, 129.606



61, 54.748, 69.157



51, 20.574, 129.474



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, 78.269, 127.811



90, 105.319, 128.403



72, 86.279, 138.522



42, 6.580, 130.210



61, 80.025, 129.302



13, 24.916, 132.012

Inverse Universe

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



41, 86.036, 313.710



46, 117.272, 313.545



51, 84.120, 328.948



40, 6.661, 310.991



27, 89.460, 313.043



3, 24.772, 308.338

Previews

White Background



This preview shows how the CIELCh color 74, 78.269, 127.810 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, 78.269, 127.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

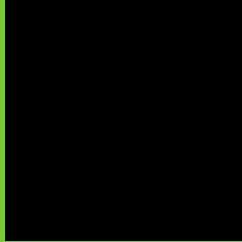
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 78.269, 127.810

Background



This preview shows how black text looks on a background with the CIELCh color 74, 78.269, 127.810.

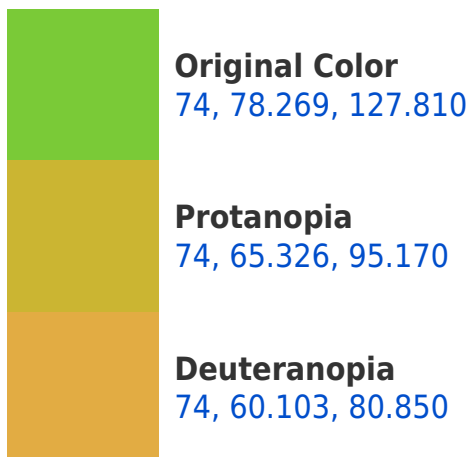


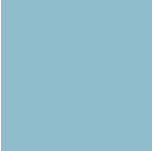
This preview shows how white text looks on a background with the CIELCh color 74, 78.269, 127.810.

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





Tritanopia
74, 16.778, 227.558

Trichromacy



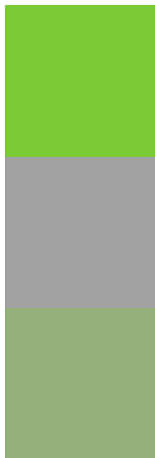
Original Color
74, 78.269, 127.810

Protanomaly
73, 67.122, 109.397

Deuteranomaly
73, 60.430, 102.176

Tritanomaly
74, 32.214, 149.707

Monochromacy



Original Color
74, 78.269, 127.810

Achromatopsia
66, 0.008, 296.813

Achromatomaly
69, 31.492, 128.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 78.269, 127.810 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(122, 202, 55)` looks like.

```
.text, #text, p{  
    color:rgb(122, 202, 55)  
}
```

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(122, 202, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 202, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 78.269, 127.810 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(122, 202, 55) }
```

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

```
.border{ border-color:rgb(122, 202, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 202, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 202, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 202, 55);  
box-shadow:4px 4px 4px 4px rgb(122, 202,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 78.269, 127.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 202, 55) }
```

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

```
.background{ background-color: rgb(122,  
202, 55) }
```

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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