

Converting Colors

CIELCh(74, 60.598, 135.804)

Have a look what the booklet for
CIELCh(74, 60.598, 135.804)
contains.

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Color

CIELCh(74, 60.572, 135.923)

Conversions

Conversions Part 1

Format	Color
Hex	79C965
RGB	121, 201, 101
RGB Percent	47%, 79%, 40%
CMY	0.5260, 0.2123, 0.6044
CMYK	0.40, 0.00, 0.50, 0.21
HSL	108°, 48%, 59%
HSV	108°, 50%, 79%
XYZ	31.0654, 46.7039, 19.6577
YIQ	165.6800, -15.5800, -48.0600

Conversions

Conversions Part 2

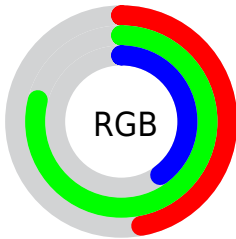
Format	Color
RYB	101, 201, 181
Decimal	7981413
CIELab	74.00, -43.52, 42.14
CIELCh	74, 60.572, 135.923
Yxy	46.7039, 0.3189, 0.4794
Android (android.graphics.Color)	4286171493 (0xFF79C965)
YUV	165.6800, -31.8872, -39.1844
Hunter-Lab	68.3403, -38.4548, 30.7838

Details

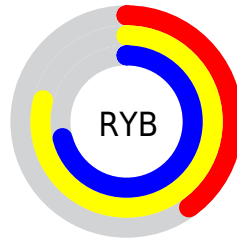
The CIELCh color $74, 60.572, 135.923$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $55, 61.750, 320.914$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $93, 58.577, 135.818$, and $54, 60.485, 135.731$ is the 20% darker color. If you saturate the color by 10%, you get $73, 71.457, 135.264$, and if you desaturate by 10%, it is $75, 48.903, 136.602$.

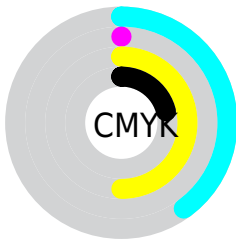
Distribution



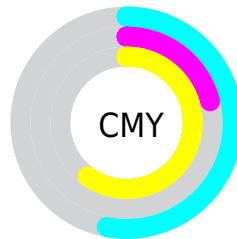
- Red (47%)
- Green (79%)
- Blue (40%)



- Red (40%)
- Yellow (79%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (50%)
- Black (21%)





- Cyan (53%)
- Magenta (21%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 60.572, 135.923 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, 60.572, 135.923 by changing the saturation by 10% instead.

 74, 60.572,
135.923

 74, 60.572,
135.923


 100, 60.572,
135.923

 64, 60.572,
135.923


 94, 60.572,
135.923

 54, 60.572,
135.923

 44, 60.572,
135.923

 34, 60.572,
135.923

 24, 60.572,
135.923

 14, 60.572,
135.923

 4, 60.572, 135.923

0, 60.572, 135.923

74, 60.572,
135.923

74, 60.572,
135.923

73, 71.457,
135.264

75, 48.903,
136.602

72, 81.127,
134.707

76, 36.771,
137.251

72, 89.067,
134.372

78, 24.420,
137.845

71, 94.777,
134.382

79, 12.027,
138.380

71, 98.258,
134.702

81, 0.279, 318.075

71, 98.325,
134.707

83, 12.409,
319.205

■ 85, 24.299,
319.556

■ 87, 32.979,
322.668

■ 87, 33.949,
325.605

Harmonies

Complementary

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



74, 60.572, 135.923



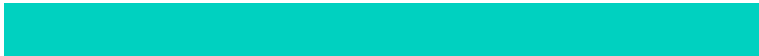
55, 61.750, 320.914

Rectangle

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



74, 60.572, 135.923



74, 60.572, 185.923



74, 60.572, 315.923



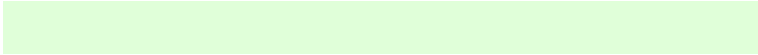
74, 60.572, 5.923

Sweetspot

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



74, 60.573, 135.924



97, 22.448, 138.096



74, 43.203, 94.488



51, 15.326, 137.980



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, 60.573, 135.924



91, 86.836, 135.198



74, 51.842, 149.607



41, 6.917, 138.401



59, 84.119, 134.564



11, 25.149, 139.623

Inverse Universe

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



55, 61.750, 320.914



64, 88.541, 321.221



57, 52.256, 338.152



39, 6.956, 319.207



33, 84.313, 320.772



3, 24.466, 318.412

Previews

White Background



This preview shows how the CIELCh color 74, 60.572, 135.923 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, 60.572, 135.923 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, 60.572, 135.923

Background



This preview shows how black text looks on a background with the CIELCh color 74, 60.572, 135.923.



This preview shows how white text looks on a background with the CIELCh color 74, 60.572, 135.923.

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, 60.572, 135.923

Protanopia
74, 46.506, 95.449

Deuteranopia
74, 40.838, 76.749



Tritanopia
74, 18.029, 227.275

Trichromacy



Original Color
74, 60.572, 135.923



Protanomaly
73, 47.973, 114.197



Deuteranomaly
73, 41.173, 105.546



Tritanomaly
73, 25.873, 164.419

Monochromacy



Original Color
74, 60.572, 135.923



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 23.122, 137.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 60.572, 135.923 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(121, 201, 101)` looks like.

```
.text, #text, p{  
    color:rgb(121, 201, 101)  
}
```

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(121, 201, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 201, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 60.572, 135.923 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(121, 201, 101) }
```

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

```
.border{ border-color:rgb(121, 201, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 201, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 201, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 201, 101);  
box-shadow:4px 4px 4px 4px rgb(121, 201,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 60.572, 135.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 201, 101) }
```

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

```
.background{ background-color: rgb(121,  
201, 101) }
```

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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