

Converting Colors

CIELCh(74, 54.077, 156.806)

Have a look what the booklet for
CIELCh(74, 54.077, 156.806)
contains.

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Color

CIELCh(74, 54.041, 156.862)

Conversions

Conversions Part 1

Format	Color
Hex	4CCC8D
RGB	76, 204, 141
RGB Percent	30%, 80%, 55%
CMY	0.7015, 0.1996, 0.4467
CMYK	0.63, 0.00, 0.31, 0.20
HSL	150°, 56%, 55%
HSV	150°, 63%, 80%
XYZ	29.4233, 46.7039, 32.7019
YIQ	158.5460, -56.0650, -46.7290

Conversions

Conversions Part 2

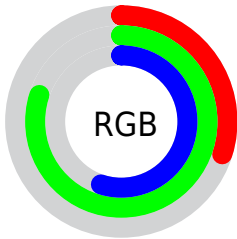
Format	Color
RYB	76, 161, 204
Decimal	5033101
CIELab	74.00, -49.69, 21.24
CIElCh	74, 54.041, 156.862
Yxy	46.7039, 0.2704, 0.4291
Android (android.graphics.Color)	4283223181 (0xFF4CCC8D)
YUV	158.5460, -8.6502, -72.3928
Hunter-Lab	68.3403, -42.7438, 19.4670

Details

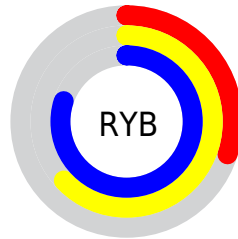
The CIELCh color **74, 54.041, 156.862** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **52, 57.197, 351.673**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 50.205, 158.389**, and **54, 52.775, 155.452** is the 20% darker color. If you saturate the color by 10%, you get **73, 60.769, 155.115**, and if you desaturate by 10%, it is **75, 46.548, 158.406**.

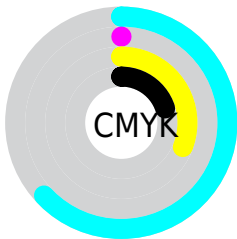
Distribution



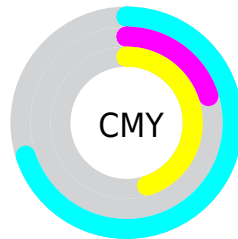
- Red (30%)
- Green (80%)
- Blue (55%)



- Red (30%)
- Yellow (63%)
- Blue (80%)



- Cyan (63%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (70%)
- Magenta (20%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 54.041, 156.862 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, 54.041, 156.862 by changing the saturation by 10% instead.


 74, 54.041,
156.862

 74, 54.041,
156.862


 100, 54.041,
156.862


 64, 54.041,
156.862


 94, 54.041,
156.862

 54, 54.041,
156.862

 44, 54.041,
156.862

 34, 54.041,
156.862

 24, 54.041,
156.862

 14, 54.041,
156.862

 4, 54.041, 156.862

0, 54.041, 156.862

74, 54.041,
156.862

74, 54.041,
156.862

73, 60.769,
155.115

75, 46.548,
158.406

73, 66.654,
153.155

76, 38.413,
159.769

73, 71.691,
150.993

77, 29.790,
160.974

72, 74.956,
149.365

78, 20.834,
162.049

80, 11.690,
163.020

82, 2.482, 164.014

■ 83, 6.689, 344.568

■ 85, 15.743,
345.322

■ 87, 23.231,
343.298

Harmonies

Complementary

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



74, 54.041, 156.862



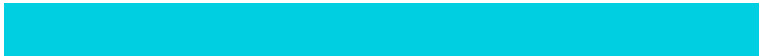
52, 57.197, 351.673

Rectangle

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



74, 54.041, 156.862



74, 54.041, 206.862



74, 54.041, 336.862



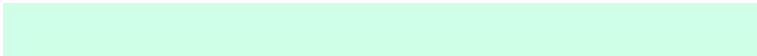
74, 54.041, 26.862

Sweetspot

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



74, 54.042, 156.862



96, 20.916, 162.394



76, 69.140, 126.378



51, 14.379, 162.106



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, 54.042, 156.862



89, 74.256, 154.497



76, 35.959, 196.824



42, 5.216, 163.327



60, 63.726, 149.737



12, 21.176, 155.672

Inverse Universe

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



52, 57.197, 351.673



59, 77.245, 354.690



50, 57.581, 28.207



40, 5.284, 344.808



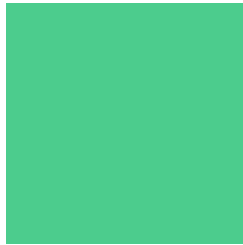
35, 61.353, 2.344



4, 19.844, 354.009

Previews

White Background



This preview shows how the CIELCh color 74, 54.041, 156.862 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, 54.041, 156.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

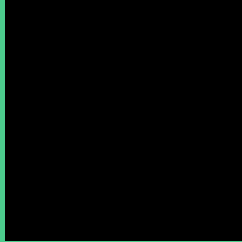
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 54.041, 156.862

Background



This preview shows how black text looks on a background with the CIELCh color 74, 54.041, 156.862.

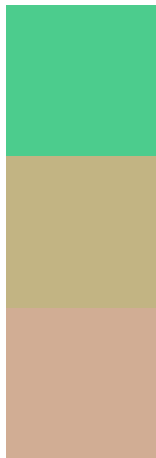


This preview shows how white text looks on a background with the CIELCh color 74, 54.041, 156.862.

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, 54.041, 156.862

Protanopia

73, 26.953, 95.178

Deuteranopia

73, 20.099, 62.050



Tritanopia
74, 28.936, 215.076

Trichromacy



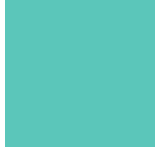
Original Color
74, 54.041, 156.862



Protanomaly
73, 32.603, 134.503



Deuteranomaly
72, 22.914, 131.216



Tritanomaly
74, 33.844, 185.694

Monochromacy



Original Color
74, 54.041, 156.862



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 21.367, 161.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 54.041, 156.862 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(76, 204, 141)` looks like.

```
.text, #text, p{  
    color:rgb(76, 204, 141)  
}
```

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(76, 204, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 204, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 54.041, 156.862 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(76, 204, 141) }
```

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

```
.border{ border-color:rgb(76, 204, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 204, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 204, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 204, 141);  
box-shadow:4px 4px 4px 4px rgb(76, 204,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 54.041, 156.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 204, 141) }
```

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

```
.background{ background-color: rgb(76, 204,  
141) }
```

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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