

Converting Colors

CIELCh(74, 53.020, 162.961)

Have a look what the booklet for
CIELCh(74, 53.020, 162.961)
contains.

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Color

CIELCh(74, 53.042, 163.020)

Conversions

Conversions Part 1

Format	Color
Hex	3ACD98
RGB	58, 205, 152
RGB Percent	23%, 80%, 60%
CMY	0.7737, 0.1970, 0.4047
CMYK	0.72, 0.00, 0.26, 0.20
HSL	158°, 59%, 51%
HSV	158°, 72%, 80%
XYZ	29.1539, 46.7039, 37.0931
YIQ	155.0050, -70.5990, -47.6470

Conversions

Conversions Part 2

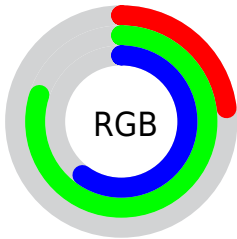
Format	Color
RYB	58, 148, 205
Decimal	3853720
CIELab	74.00, -50.73, 15.49
CIELCh	74, 53.042, 163.020
Yxy	46.7039, 0.2581, 0.4135
Android (android.graphics.Color)	4282043800 (0xFF3ACD98)
YUV	155.0050, -1.4815, -85.0734
Hunter-Lab	68.3403, -43.4477, 15.6574

Details

The CIELCh color **74, 53.042, 163.020** 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 **48, 61.086, 3.694**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 49.077, 165.299**, and **55, 48.840, 160.197** is the 20% darker color. If you saturate the color by 10%, you get **74, 57.867, 161.128**, and if you desaturate by 10%, it is **75, 47.389, 164.708**.

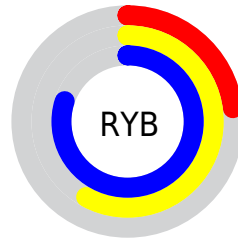
Distribution



Red (23%)

Green (80%)

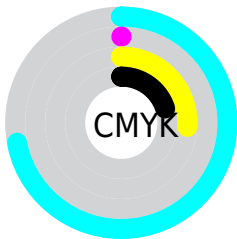
Blue (60%)



Red (23%)

Yellow (58%)

Blue (80%)

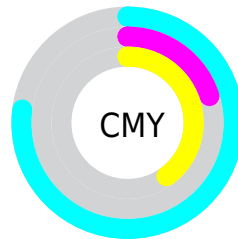


Cyan (72%)

Magenta (0%)

Yellow (26%)

Black (20%)



Cyan (77%)


Magenta (20%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 53.042, 163.020 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, 53.042, 163.020 by changing the saturation by 10% instead.


 74, 53.042,
163.020


 74, 53.042,
163.020


 100, 53.042,
163.020


 64, 53.042,
163.020


 94, 53.042,
163.020

 54, 53.042,
163.020

 44, 53.042,
163.020

 34, 53.042,
163.020

 24, 53.042,
163.020

 14, 53.042,
163.020

 4, 53.042, 163.020

0, 53.042, 163.020

74, 53.042,
163.020

74, 53.042,
163.020

74, 57.867,
161.128

75, 47.389,
164.708

73, 61.876,
159.028

75, 40.962,
166.212

73, 64.697,
157.223

76, 33.869,
167.557

78, 26.243,
168.767

79, 18.225,
169.867

80, 9.949, 170.887

■ 82, 1.537, 172.063

■ 84, 6.913, 352.549

■ 86, 15.319,
353.387

Harmonies

Complementary

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



74, 53.042, 163.020



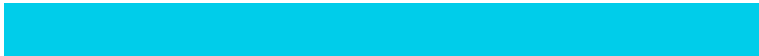
48, 61.086, 3.694

Rectangle

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



74, 53.042, 163.020



74, 53.042, 213.020



74, 53.042, 343.020



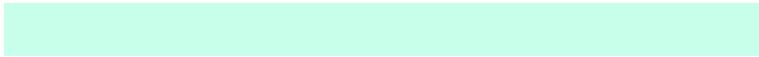
74, 53.042, 33.020

Sweetspot

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



74, 53.042, 163.019



96, 21.939, 169.819



74, 80.421, 130.527



51, 14.697, 169.525



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, 53.042, 163.019



89, 70.878, 160.046



70, 34.144, 215.643



42, 4.763, 171.129



60, 54.929, 157.594



12, 18.657, 163.185

Inverse Universe

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



48, 61.086, 3.694



56, 81.059, 9.495



50, 62.259, 37.448



40, 4.868, 352.738



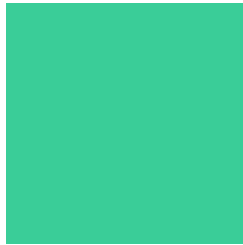
35, 61.928, 15.009



4, 18.845, 1.754

Previews

White Background



This preview shows how the CIELCh color 74, 53.042, 163.020 looks on a white background.

Color Contrast Check

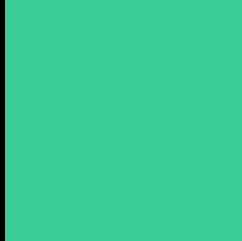
Large Text (above 18pt) WCAG AA × Fail

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, 53.042, 163.020 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

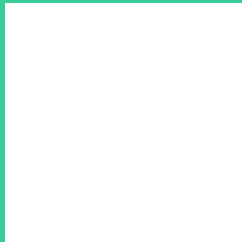
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 53.042, 163.020

Background



This preview shows how black text looks on a background with the CIELCh color 74, 53.042, 163.020.

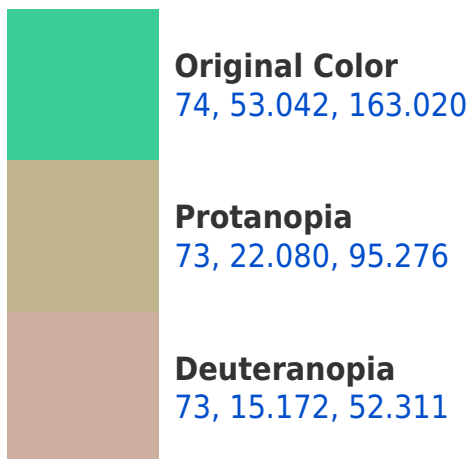


This preview shows how white text looks on a background with the CIELCh color 74, 53.042, 163.020.

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](#).

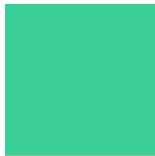
Dichromacy





Tritanopia
74, 32.198, 213.016

Trichromacy



Original Color
74, 53.042, 163.020



Protanomaly
72, 30.062, 143.411



Deuteranomaly
72, 20.181, 146.769



Tritanomaly
74, 36.720, 188.986

Monochromacy



Original Color
74, 53.042, 163.020



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 22.044, 169.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 53.042, 163.020 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(58, 205, 152)` looks like.

```
.text, #text, p{  
    color:rgb(58, 205, 152)  
}
```

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(58, 205, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 205, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 53.042, 163.020 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(58, 205, 152) }
```

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

```
.border{ border-color:rgb(58, 205, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 205, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 205, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 205, 152);  
box-shadow:4px 4px 4px 4px rgb(58, 205,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 53.042, 163.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 205, 152) }
```

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

```
.background{ background-color: rgb(58, 205,  
152) }
```

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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