

Converting Colors

CIELCh(71, 52.334, 162.847)

Have a look what the booklet for
CIELCh(71, 52.334, 162.847)
contains.

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Color

CIELCh(71, 52.334, 162.847)

Conversions

Conversions Part 1

Format	Color
Hex	32C490
RGB	50, 196, 144
RGB Percent	20%, 77%, 56%
CMY	0.8037, 0.2312, 0.4352
CMYK	0.74, 0.00, 0.27, 0.23
HSL	159°, 59%, 48%
HSV	159°, 74%, 77%
XYZ	26.1008, 42.1875, 33.1643
YIQ	146.4180, -70.3240, -47.1240

Conversions

Conversions Part 2

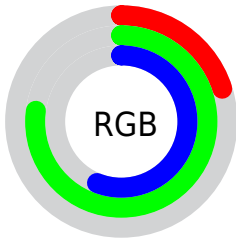
Format	Color
RYB	50, 139, 196
Decimal	3327120
CIELab	71.00, -50.01, 15.43
CIElCh	71, 52.334, 162.847
Yxy	42.1875, 0.2573, 0.4158
Android (android.graphics.Color)	4281517200 (0xFF32C490)
YUV	146.4180, -1.1921, -84.5586
Hunter-Lab	64.9519, -41.9360, 15.1930

Details

The CIELCh color **71, 52.334, 162.847** 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 **46, 60.520, 4.807**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 52.602, 162.786**, and **52, 47.367, 159.324** is the 20% darker color. If you saturate the color by 10%, you get **71, 56.761, 160.914**, and if you desaturate by 10%, it is **72, 47.105, 164.575**.

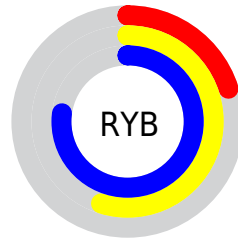
Distribution



Red (20%)

Green (77%)

Blue (56%)



Red (20%)

Yellow (55%)

Blue (77%)

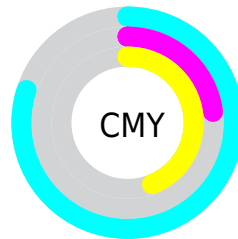


Cyan (74%)

Magenta (0%)

Yellow (27%)

Black (23%)



Cyan (80%)


Magenta (23%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 52.334, 162.847 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 71, 52.334, 162.847 by changing the saturation by 10% instead.


 71, 52.334,
162.847


 71, 52.334,
162.847


 100, 52.334,
162.847


 61, 52.334,
162.847


 91, 52.334,
162.847

 51, 52.334,
162.847

 41, 52.334,
162.847

 31, 52.334,
162.847

 21, 52.334,
162.847

 11, 52.334,
162.847

 1, 52.334, 162.847

■ 0, 52.334, 162.847

■ 71, 52.334,
162.847

■ 71, 52.334,
162.847

■ 71, 56.761,
160.914

■ 72, 47.105,
164.575

■ 70, 60.419,
158.778

■ 72, 41.113,
166.115

■ 70, 62.239,
157.571

■ 73, 34.449,
167.491

■ 74, 27.236,
168.728

■ 75, 19.608,
169.851

■ 77, 11.699,
170.885

■ 78, 3.626, 171.909

■ 80, 4.508, 352.556

■ 82, 12.622,
353.434

Harmonies

Complementary

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



71, 52.334, 162.847



46, 60.520, 4.807

Rectangle

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



71, 52.334, 162.847



71, 52.334, 212.847



71, 52.334, 342.847



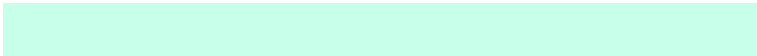
71, 52.334, 32.847

Sweetspot

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



71, 52.334, 162.846



96, 21.877, 170.077



71, 79.784, 130.520



51, 14.655, 169.783



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 52.334, 162.846



89, 71.934, 159.671



66, 33.527, 216.000



40, 4.554, 171.394



58, 53.364, 157.933



10, 16.453, 164.022

Inverse Universe

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



46, 60.520, 4.807



55, 82.370, 11.267



47, 62.646, 37.879



38, 4.656, 352.993



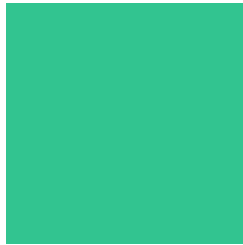
34, 60.561, 15.239



3, 14.860, 0.565

Previews

White Background



This preview shows how the CIELCh color 71, 52.334, 162.847 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 71, 52.334, 162.847 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 71, 52.334, 162.847

Background



This preview shows how black text looks on a background with the CIELCh color 71, 52.334, 162.847.

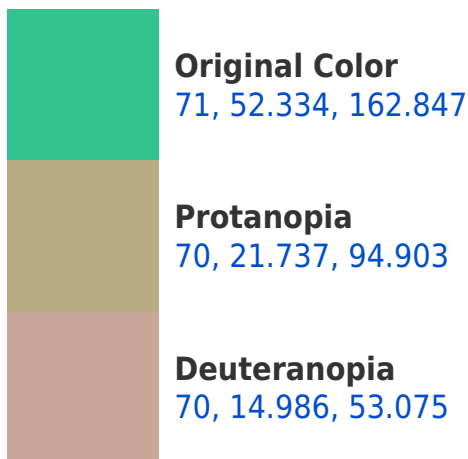


This preview shows how white text looks on a background with the CIELCh color 71, 52.334, 162.847.

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
71, 31.423, 213.552

Trichromacy



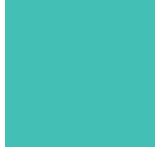
Original Color
71, 52.334, 162.847



Protanomaly
69, 29.857, 143.919



Deuteranomaly
69, 20.352, 146.712



Tritanomaly
71, 36.099, 188.736

Monochromacy



Original Color
71, 52.334, 162.847



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 22.212, 168.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 52.334, 162.847 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(50, 196, 144)` looks like.

```
.text, #text, p{  
    color:rgb(50, 196, 144)  
}
```

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(50, 196, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 196, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 52.334, 162.847 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(50, 196, 144) }
```

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

```
.border{ border-color:rgb(50, 196, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 196, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(50, 196, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(50, 196, 144); box-shadow:4px 4px 4px 4px rgb(50, 196, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 52.334, 162.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 196, 144) }
```

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

```
.background{ background-color: rgb(50, 196,  
144) }
```

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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