

Converting Colors

CIELCh(73, 39.632, 172.979)

Have a look what the booklet for
CIELCh(73, 39.632, 172.979)
contains.

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Color

CIELCh(73, 39.628, 172.941)

Conversions

Conversions Part 1

Format	Color
Hex	54C6A9
RGB	84, 198, 169
RGB Percent	33%, 78%, 66%
CMY	0.6704, 0.2233, 0.3371
CMYK	0.58, 0.00, 0.15, 0.22
HSL	165°, 50%, 55%
HSV	165°, 58%, 78%
XYZ	31.0322, 45.1644, 44.6413
YIQ	160.6080, -58.6350, -33.1870

Conversions

Conversions Part 2

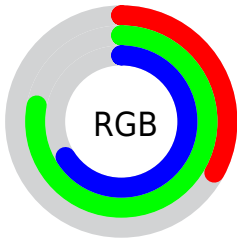
Format	Color
RYB	84, 149, 198
Decimal	5555881
CIELab	73.00, -39.33, 4.87
CIElCh	73, 39.628, 172.941
Yxy	45.1644, 0.2568, 0.3738
Android (android.graphics.Color)	4283745961 (0xFF54C6A9)
YUV	160.6080, 4.1373, -67.1852
Hunter-Lab	67.2044, -35.1838, 7.6591

Details

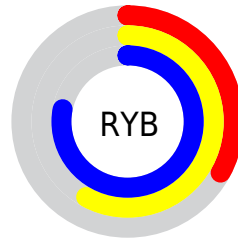
The CIELCh color **73, 39.628, 172.941** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **51, 48.611, 7.806**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.493, 172.959**, and **53, 39.310, 173.117** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.581, 171.480**, and if you desaturate by 10%, it is **74, 33.921, 174.257**.

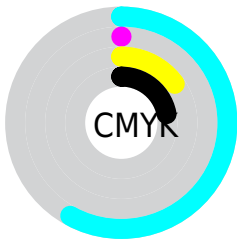
Distribution



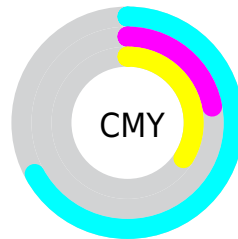
- Red (33%)
- Green (78%)
- Blue (66%)



- Red (33%)
- Yellow (58%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)





- Cyan (67%)
- Magenta (22%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 39.628, 172.941 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 73, 39.628, 172.941 by changing the saturation by 10% instead.


 73, 39.628,
172.941


 73, 39.628,
172.941


 100, 39.628,
172.941


 63, 39.628,
172.941


 93, 39.628,
172.941

 53, 39.628,
172.941

 43, 39.628,
172.941

 33, 39.628,
172.941

 23, 39.628,
172.941

 13, 39.628,
172.941

 3, 39.628, 172.941

0, 39.628, 172.941

73, 39.628,
172.941

73, 39.628,
172.941

72, 44.581,
171.480

74, 33.921,
174.257

72, 48.716,
169.854

75, 27.561,
175.457

72, 52.026,
168.043

76, 20.674,
176.561

71, 54.606,
166.057

77, 13.388,
177.593

71, 55.196,
165.575

79, 5.826, 178.593

80, 1.902, 359.151

82, 9.706, 0.211

■ 84, 17.510, 1.048

■ 85, 22.689,
359.206

Harmonies

Complementary

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



73, 39.628, 172.941



51, 48.611, 7.806

Rectangle

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



73, 39.628, 172.941



73, 39.628, 222.941



73, 39.628, 352.941



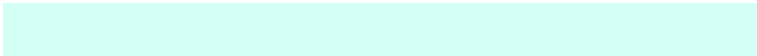
73, 39.628, 42.941

Sweetspot

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



73, 39.628, 172.940



97, 15.921, 177.623



73, 67.032, 133.722



51, 10.619, 177.418



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 39.628, 172.940



91, 55.258, 171.093



66, 28.423, 229.250



41, 4.380, 178.407



60, 47.594, 165.892



11, 16.025, 171.191

Inverse Universe

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



51, 48.611, 7.806



60, 70.352, 11.507



56, 43.804, 43.052



39, 4.519, 0.020



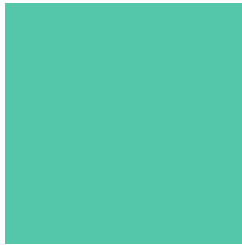
34, 64.082, 24.515



4, 16.350, 6.459

Previews

White Background



This preview shows how the CIELCh color 73, 39.628, 172.941 looks on a white background.

Color Contrast Check

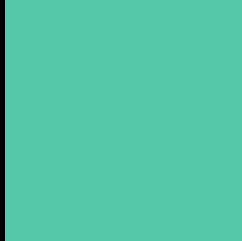
Large Text (above 18pt) WCAG AA × Fail

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 73, 39.628, 172.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

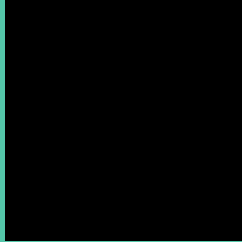
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

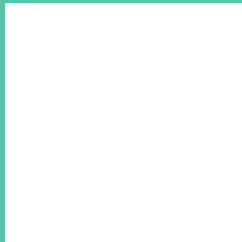
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 39.628, 172.941

Background



This preview shows how black text looks on a background with the CIELCh color 73, 39.628, 172.941.

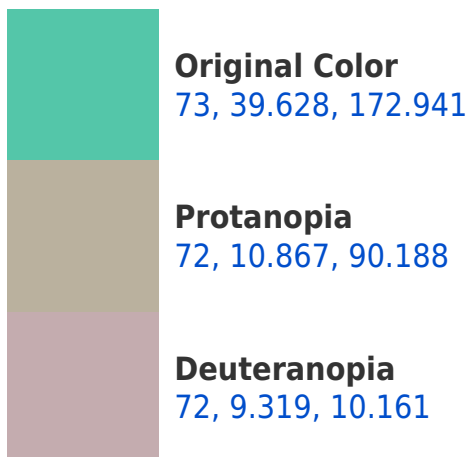


This preview shows how white text looks on a background with the CIELCh color 73, 39.628, 172.941.

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
73, 28.857, 213.998

Trichromacy



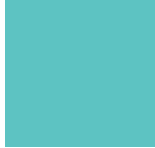
Original Color
73, 39.628, 172.941



Protanomaly
72, 18.448, 155.363



Deuteranomaly
72, 10.551, 174.141



Tritanomaly
73, 30.957, 196.076

Monochromacy



Original Color
73, 39.628, 172.941



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 15.926, 177.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 39.628, 172.941 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(84, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(84, 198, 169)  
}
```

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(84, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 198, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 39.628, 172.941 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(84, 198, 169) }
```

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

```
.border{ border-color:rgb(84, 198, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 198, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 198, 169);  
box-shadow:4px 4px 4px 4px rgb(84, 198,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 39.628, 172.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 198, 169) }
```

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

```
.background{ background-color: rgb(84, 198,  
169) }
```

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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