

Converting Colors

CIELCh(73, 34.402, 222.818)

Have a look what the booklet for
CIELCh(73, 34.402, 222.818)
contains.

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Color

CIELCh(73, 34.403, 222.818)

Conversions

Conversions Part 1

Format	Color
Hex	48C2DD
RGB	72, 194, 221
RGB Percent	28%, 76%, 87%
CMY	0.7178, 0.2393, 0.1335
CMYK	0.67, 0.12, 0.00, 0.13
HSL	191°, 69%, 57%
HSV	191°, 67%, 87%
XYZ	35.0009, 45.1644, 75.2568
YIQ	160.6000, -81.3790, -17.4670

Conversions

Conversions Part 2

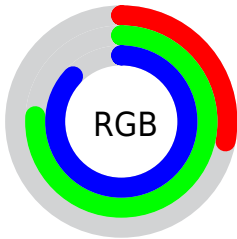
Format	Color
RYB	72, 139, 221
Decimal	4768477
CIELab	73.00, -25.24, -23.38
CIELCh	73, 34.403, 222.818
Yxy	45.1644, 0.2252, 0.2906
Android (android.graphics.Color)	4282958557 (0xFF48C2DD)
YUV	160.6000, 29.7772, -77.7022
Hunter-Lab	67.2044, -24.6427, -19.3509

Details

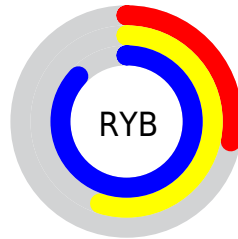
The CIELCh color **73, 34.403, 222.818** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **57, 59.830, 39.852**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 33.685, 200.903**, and **54, 31.584, 225.826** is the 20% darker color. If you saturate the color by 10%, you get **71, 36.695, 224.983**, and if you desaturate by 10%, it is **75, 31.263, 221.138**.

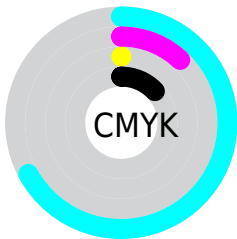
Distribution



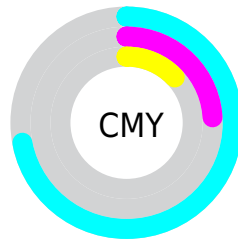
- Red (28%)
- Green (76%)
- Blue (87%)



- Red (28%)
- Yellow (55%)
- Blue (87%)



- Cyan (67%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)





- Cyan (72%)
- Magenta (24%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 34.403, 222.818 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, 34.403, 222.818 by changing the saturation by 10% instead.


 73, 34.403,
222.818


 73, 34.403,
222.818


 100, 34.403,
222.818


 63, 34.403,
222.818


 93, 34.403,
222.818

 53, 34.403,
222.818

 43, 34.403,
222.818

 33, 34.403,
222.818

 23, 34.403,
222.818

 13, 34.403,
222.818

 3, 34.403, 222.818

0, 34.403, 222.818

73, 34.403,
222.818

73, 34.403,
222.818

71, 36.695,
224.983

75, 31.263,
221.138

70, 38.183,
227.708

77, 27.304,
219.865

69, 39.005,
231.023

79, 22.595,
218.925

68, 39.180,
231.917

81, 17.231,
218.255

84, 11.318,
217.806

86, 4.959, 217.572

■ 89, 1.750, 36.945

■ 92, 8.727, 37.143

■ 93, 10.311, 46.596

Harmonies

Complementary

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



73, 34.403, 222.818



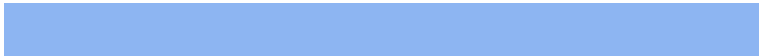
57, 59.830, 39.852

Rectangle

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



73, 34.403, 222.818



73, 34.403, 272.818



73, 34.403, 42.818



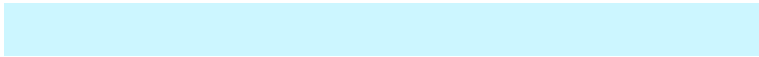
73, 34.403, 92.818

Sweetspot

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



73, 34.402, 222.817



94, 14.464, 217.908



78, 80.652, 142.583



49, 9.777, 218.030



0, 0.000, 0.000



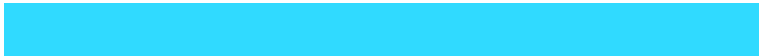
53, 0.007, 296.813

Same Dimension

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



73, 34.402, 222.817



81, 41.691, 226.061



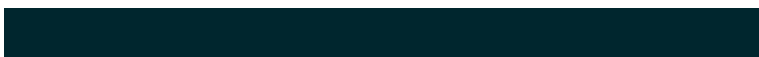
52, 57.859, 285.486



45, 3.746, 217.596



54, 32.671, 231.271



13, 13.112, 224.513

Inverse Universe

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



56, 77.808, 334.378



60, 96.267, 335.485



73, 56.917, 81.869



43, 7.057, 330.430



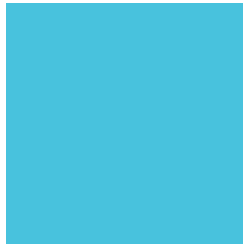
39, 75.211, 336.984



6, 30.420, 335.176

Previews

White Background



This preview shows how the CIE LCh color 73, 34.403, 222.818 looks on a white background.

Color Contrast Check

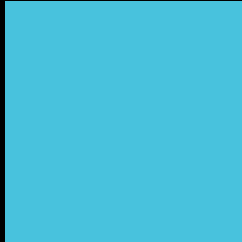
Large Text (above 18pt) WCAG AA × Fail

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, 34.403, 222.818 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, 34.403, 222.818

Background



This preview shows how black text looks on a background with the CIELCh color 73, 34.403, 222.818.



This preview shows how white text looks on a background with the CIELCh color 73, 34.403, 222.818.

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
73, 34.403, 222.818

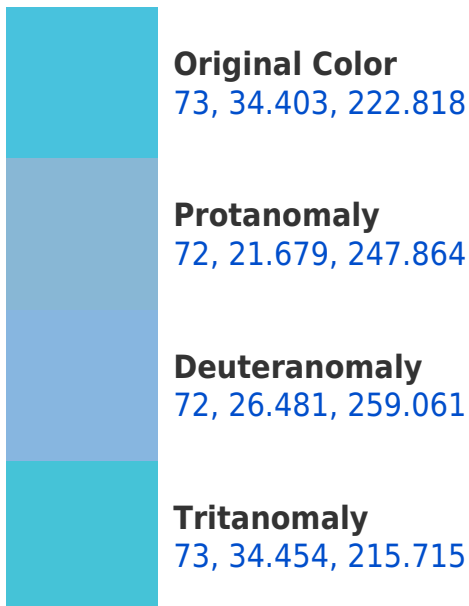
Protanopia
73, 17.980, 287.521

Deuteranopia
73, 27.198, 289.986

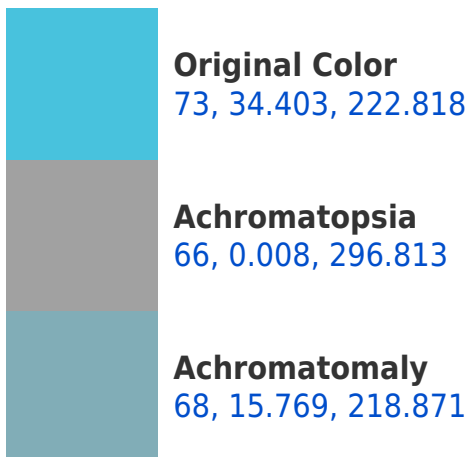


Tritanopia
73, 34.815, 210.694

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 34.403, 222.818 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(72, 194, 221)` looks like.

```
.text, #text, p{  
    color:rgb(72, 194, 221)  
}
```

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(72, 194, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 194, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 34.403, 222.818 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(72, 194, 221) }
```

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

```
.border{ border-color:rgb(72, 194, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 194, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 194, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 194, 221);  
box-shadow:4px 4px 4px 4px rgb(72, 194,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 34.403, 222.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 194, 221) }
```

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

```
.background{ background-color: rgb(72, 194,  
221) }
```

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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