

Converting Colors

CIELCh(73, 34.454, 215.715)

Have a look what the booklet for
CIELCh(73, 34.454, 215.715)
contains.

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Color

CIELCh(73, 34.454, 215.715)

Conversions

Conversions Part 1

Format	Color
Hex	45C3D7
RGB	69, 195, 215
RGB Percent	27%, 76%, 84%
CMY	0.7297, 0.2355, 0.1571
CMYK	0.68, 0.09, 0.00, 0.16
HSL	188°, 65%, 56%
HSV	188°, 68%, 84%
XYZ	34.2045, 45.1644, 71.1584
YIQ	159.6060, -81.5160, -20.4920

Conversions

Conversions Part 2

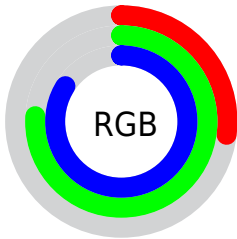
Format	Color
RYB	69, 137, 215
Decimal	4572119
CIELab	73.00, -27.97, -20.11
CIElCh	73, 34.454, 215.715
Yxy	45.1644, 0.2272, 0.3000
Android (android.graphics.Color)	4282762199 (0xFF45C3D7)
YUV	159.6060, 27.3092, -79.4615
Hunter-Lab	67.2044, -26.7580, -15.7352

Details

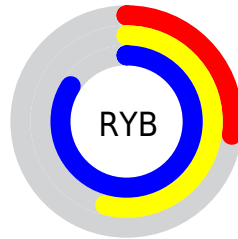
The CIELCh color **73, 34.454, 215.715** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **54, 60.539, 37.042**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 34.648, 199.880**, and **54, 31.137, 217.762** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.565, 217.248**, and if you desaturate by 10%, it is **74, 31.452, 214.553**.

Distribution



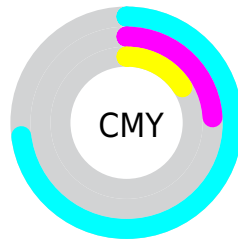
- Red (27%)
- Green (76%)
- Blue (84%)



- Red (27%)
- Yellow (54%)
- Blue (84%)



- Cyan (68%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)





- Cyan (73%)
- Magenta (24%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 34.454, 215.715 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, 34.454, 215.715 by changing the saturation by 10% instead.


 73, 34.454,
215.715


 73, 34.454,
215.715


 100, 34.454,
215.715


 63, 34.454,
215.715


 93, 34.454,
215.715

 53, 34.454,
215.715

 43, 34.454,
215.715

 33, 34.454,
215.715

 23, 34.454,
215.715

 13, 34.454,
215.715

 3, 34.454, 215.715

0, 34.454, 215.715

73, 34.454,
215.715

73, 34.454,
215.715

72, 36.565,
217.248

74, 31.452,
214.553

71, 37.817,
219.213

76, 27.591,
213.707

70, 38.344,
221.631

78, 22.945,
213.122

69, 38.421,
222.154

80, 17.613,
212.750

82, 11.704,
212.555

84, 5.327, 212.536

■ 86, 1.417, 32.039

■ 89, 8.440, 32.487

■ 91, 12.936, 35.166

Harmonies

Complementary

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



73, 34.454, 215.715



54, 60.539, 37.042

Rectangle

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



73, 34.454, 215.715



73, 34.454, 265.715



73, 34.454, 35.715



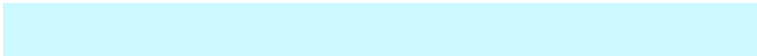
73, 34.454, 85.715

Sweetspot

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



73, 34.453, 215.714



95, 14.885, 212.584



76, 81.146, 141.580



50, 10.059, 212.633



0, 0.000, 0.000



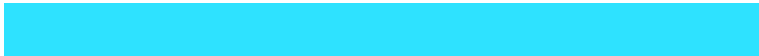
53, 0.007, 296.813

Same Dimension

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



73, 34.453, 215.714



83, 42.409, 218.147



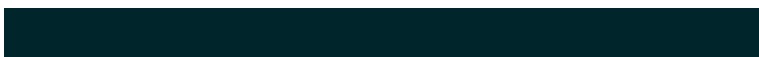
52, 54.191, 283.159



44, 3.785, 212.523



56, 32.402, 221.695



13, 12.864, 216.496

Inverse Universe

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



55, 78.811, 332.572



61, 99.755, 333.490



70, 55.211, 78.937



42, 7.141, 328.953



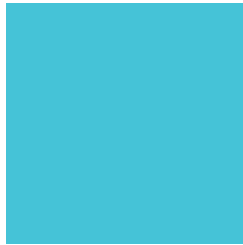
39, 76.949, 334.516



6, 29.804, 333.066

Previews

White Background



This preview shows how the CIELCh color 73, 34.454, 215.715 looks on a white background.

Color Contrast Check

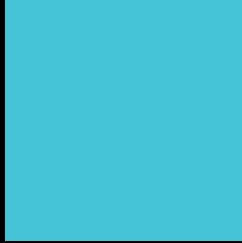
Large Text (above 18pt) WCAG AA × Fail

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, 34.454, 215.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

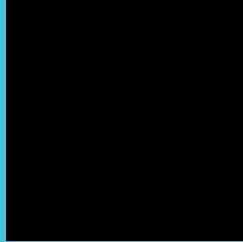
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 34.454, 215.715

Background



This preview shows how black text looks on a background with the CIELCh color 73, 34.454, 215.715.

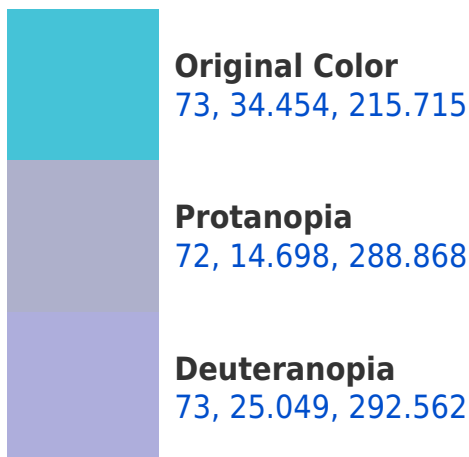


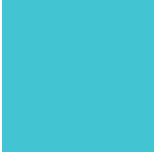
This preview shows how white text looks on a background with the CIELCh color 73, 34.454, 215.715.

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, 34.815, 210.694

Trichromacy



Original Color
73, 34.454, 215.715



Protanomaly
72, 19.661, 240.473



Deuteranomaly
72, 23.825, 254.569



Tritanomaly
73, 34.677, 211.710

Monochromacy



Original Color
73, 34.454, 215.715



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 16.056, 212.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 34.454, 215.715 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(69, 195, 215)` looks like.

```
.text, #text, p{  
    color:rgb(69, 195, 215)  
}
```

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(69, 195, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 195, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 34.454, 215.715 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(69, 195, 215) }
```

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

```
.border{ border-color:rgb(69, 195, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 195, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 195, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 195, 215);  
box-shadow:4px 4px 4px 4px rgb(69, 195,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 34.454, 215.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 195, 215) }
```

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

```
.background{ background-color: rgb(69, 195,  
215) }
```

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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