

Converting Colors

CIELCh(73, 26.709, 215.521)

Have a look what the booklet for
CIELCh(73, 26.709, 215.521)
contains.

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Color

CIELCh(73, 26.709, 215.521)

Conversions

Conversions Part 1

Format	Color
Hex	6BC0CF
RGB	107, 192, 207
RGB Percent	42%, 75%, 81%
CMY	0.5816, 0.2482, 0.1894
CMYK	0.48, 0.07, 0.00, 0.19
HSL	189°, 51%, 61%
HSV	189°, 48%, 81%
XYZ	36.0354, 45.1644, 65.6553
YIQ	168.2950, -55.4750, -13.3550

Conversions

Conversions Part 2

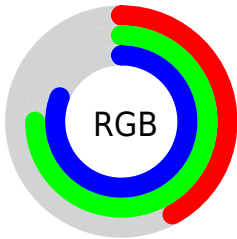
Format	Color
RYB	107, 153, 207
Decimal	7061711
CIELab	73.00, -21.74, -15.52
CIElCh	73, 26.709, 215.521
Yxy	45.1644, 0.2454, 0.3075
Android (android.graphics.Color)	4285251791 (0xFF6BC0CF)
YUV	168.2950, 19.0816, -53.7557
Hunter-Lab	67.2044, -21.8950, -10.8802

Details

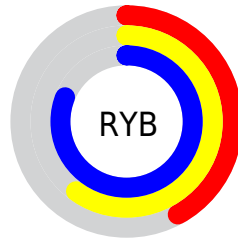
The CIELCh color **73, 26.709, 215.521** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 38.722, 35.526**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 26.523, 204.558**, and **53, 26.634, 216.389** is the 20% darker color. If you saturate the color by 10%, you get **71, 30.409, 216.500**, and if you desaturate by 10%, it is **75, 22.259, 214.820**.

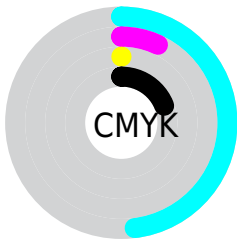
Distribution



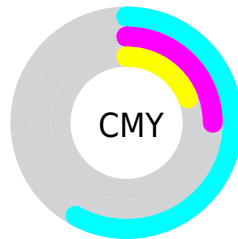
- Red (42%)
- Green (75%)
- Blue (81%)



- Red (42%)
- Yellow (60%)
- Blue (81%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)





- Cyan (58%)
- Magenta (25%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 26.709, 215.521 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, 26.709, 215.521 by changing the saturation by 10% instead.


 73, 26.709,
215.521


 73, 26.709,
215.521


 100, 26.709,
215.521


 63, 26.709,
215.521


 93, 26.709,
215.521

 53, 26.709,
215.521

 43, 26.709,
215.521

 33, 26.709,
215.521

 23, 26.709,
215.521

 13, 26.709,
215.521

 3, 26.709, 215.521

0, 26.709, 215.521

73, 26.709,
215.521

73, 26.709,
215.521

71, 30.409,
216.500

75, 22.259,
214.820

70, 33.291,
217.824

77, 17.155,
214.353

69, 35.330,
219.556

79, 11.499,
214.076

67, 36.559,
221.759

81, 5.394, 213.982

66, 37.124,
224.442

83, 1.065, 33.309

66, 37.198,
224.892

86, 7.793, 33.817

88, 14.719, 33.967

■ 89, 15.407, 39.472

■ 90, 14.959, 46.553

Harmonies

Complementary

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



73, 26.709, 215.521



60, 38.722, 35.526

Rectangle

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



73, 26.709, 215.521



73, 26.709, 265.521



73, 26.709, 35.521



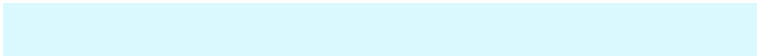
73, 26.709, 85.521

Sweetspot

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



73, 26.709, 215.519



96, 11.235, 214.024



75, 58.508, 144.178



51, 7.616, 214.057



0, 0.000, 0.000



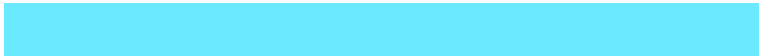
53, 0.007, 296.813

Same Dimension

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



73, 26.709, 215.519



86, 35.751, 216.537



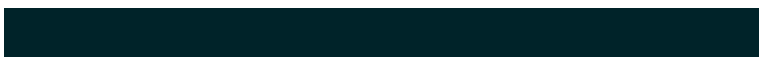
59, 36.851, 277.246



43, 3.676, 213.981



55, 31.936, 224.426



12, 12.341, 218.300

Inverse Universe

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



59, 57.607, 331.833



68, 79.636, 332.492



72, 37.909, 81.906



41, 6.937, 329.375



38, 75.354, 335.204



5, 27.718, 333.385

Previews

White Background



This preview shows how the CIELCh color 73, 26.709, 215.521 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 CIE LCh color 73, 26.709, 215.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

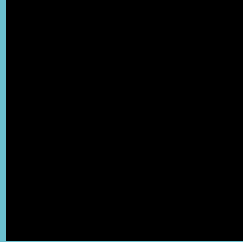
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 26.709, 215.521

Background



This preview shows how black text looks on a background with the CIELCh color 73, 26.709, 215.521.



This preview shows how white text looks on a background with the CIELCh color 73, 26.709, 215.521.

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

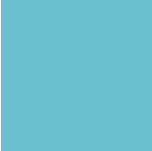
73, 26.709, 215.521

Protanopia

73, 10.877, 289.355

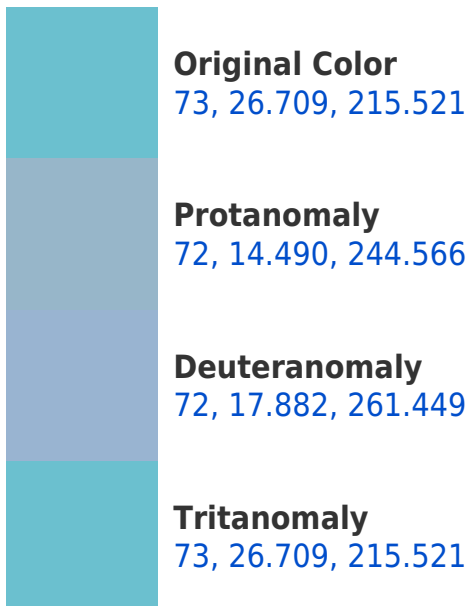
Deuteranopia

73, 19.755, 298.084



Tritanopia
73, 26.709, 215.521

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 26.709, 215.521 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(107, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(107, 192, 207)  
}
```

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(107, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 192, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 26.709, 215.521 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(107, 192, 207) }
```

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

```
.border{ border-color:rgb(107, 192, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 192, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(107, 192,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 26.709, 215.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 192, 207) }
```

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

```
.background{ background-color: rgb(107,  
192, 207) }
```

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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