

Converting Colors

CIELCh(73, 26.556, 216.920)

Have a look what the booklet for
CIELCh(73, 26.556, 216.920)
contains.

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Color

CIELCh(73, 26.423, 218.314)

Conversions

Conversions Part 1

Format	Color
Hex	6CBFD0
RGB	108, 191, 208
RGB Percent	42%, 75%, 82%
CMY	0.5753, 0.2498, 0.1832
CMYK	0.48, 0.08, 0.00, 0.18
HSL	190°, 52%, 62%
HSV	190°, 48%, 82%
XYZ	36.3369, 45.1644, 66.6671
YIQ	168.1210, -54.9250, -12.3090

Conversions

Conversions Part 2

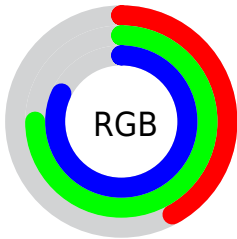
Format	Color
RYB	108, 153, 208
Decimal	7126992
CIELab	73.00, -20.73, -16.38
CIElCh	73, 26.423, 218.314
Yxy	45.1644, 0.2452, 0.3048
Android (android.graphics.Color)	4285317072 (0xFF6CBFD0)
YUV	168.1210, 19.6603, -52.7261
Hunter-Lab	67.2044, -21.0942, -11.7728

Details

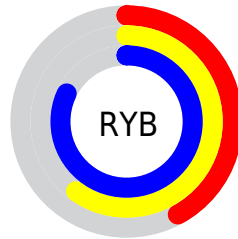
The CIELCh color **73, 26.423, 218.314** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 38.096, 37.165**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 25.992, 205.896**, and **53, 26.430, 219.349** is the 20% darker color. If you saturate the color by 10%, you get **71, 30.165, 219.483**, and if you desaturate by 10%, it is **75, 21.951, 217.456**.

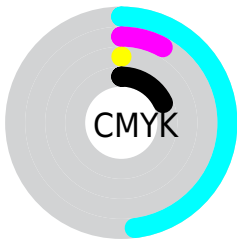
Distribution



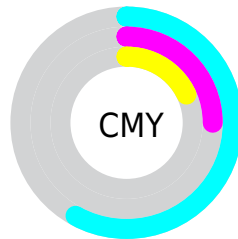
- Red (42%)
- Green (75%)
- Blue (82%)



- Red (42%)
- Yellow (60%)
- Blue (82%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)





- Cyan (58%)
- Magenta (25%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 26.423, 218.314 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, 26.423, 218.314 by changing the saturation by 10% instead.


 73, 26.423,
218.314


 73, 26.423,
218.314


 100, 26.423,
218.314


 63, 26.423,
218.314


 93, 26.423,
218.314

 53, 26.423,
218.314

 43, 26.423,
218.314

 33, 26.423,
218.314

 23, 26.423,
218.314

 13, 26.423,
218.314

 3, 26.423, 218.314

■ 0, 26.423, 218.314

■ 73, 26.423,
218.314

■ 73, 26.423,
218.314

■ 71, 30.165,
219.483

■ 75, 21.951,
217.456

■ 70, 33.111,
221.037

■ 77, 16.843,
216.856

■ 68, 35.236,
223.049

■ 79, 11.199,
216.466

■ 67, 36.577,
225.588

■ 82, 5.119, 216.277

■ 66, 37.277,
228.672

■ 84, 1.304, 35.607

■ 65, 37.396,
229.312

■ 87, 7.989, 35.941

■ 89, 14.868, 36.017

■ 90, 14.564, 43.828

■ 91, 14.254, 52.502

Harmonies

Complementary

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



73, 26.423, 218.314



61, 38.096, 37.165

Rectangle

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



73, 26.423, 218.314



73, 26.423, 268.314



73, 26.423, 38.314



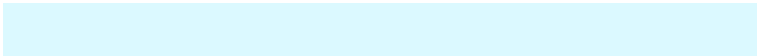
73, 26.423, 88.314

Sweetspot

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



73, 26.423, 218.312



96, 10.379, 216.367



76, 57.071, 145.238



51, 7.120, 216.420



0, 0.000, 0.000



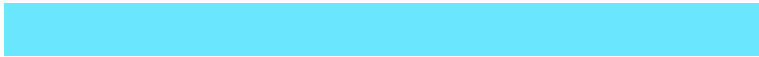
53, 0.007, 296.813

Same Dimension

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



73, 26.423, 218.312



85, 35.397, 219.575



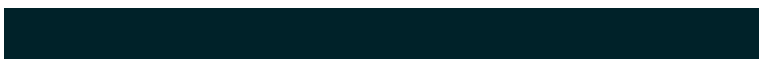
59, 38.490, 279.758



43, 3.627, 216.288



53, 31.902, 228.759



11, 12.254, 221.689

Inverse Universe

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



60, 56.783, 332.556



68, 78.571, 333.279



73, 38.693, 84.787



41, 6.839, 330.046



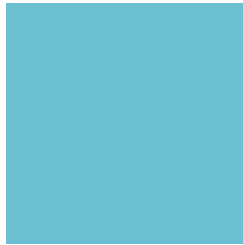
38, 74.213, 336.320



5, 27.287, 334.269

Previews

White Background



This preview shows how the CIELCh color 73, 26.423, 218.314 looks on a white background.

Color Contrast Check

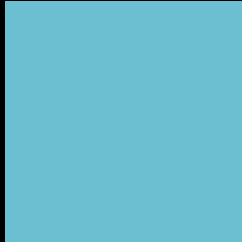
Large Text (above 18pt) WCAG AA × Fail

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, 26.423, 218.314 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, 26.423, 218.314

Background



This preview shows how black text looks on a background with the CIELCh color 73, 26.423, 218.314.

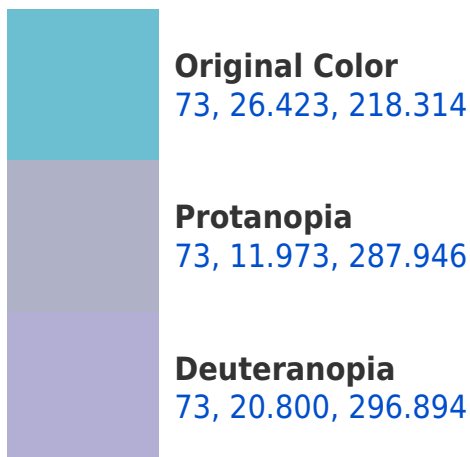


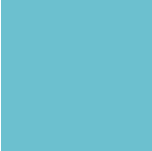
This preview shows how white text looks on a background with the CIELCh color 73, 26.423, 218.314.

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, 26.486, 215.692

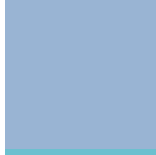
Trichromacy



Original Color
73, 26.423, 218.314



Protanomaly
72, 14.847, 246.205



Deuteranomaly
72, 18.803, 263.338

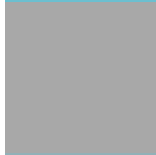


Tritanomaly
73, 26.486, 215.692

Monochromacy



Original Color
73, 26.423, 218.314



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 11.126, 218.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 26.423, 218.314 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(108, 191, 208)` looks like.

```
.text, #text, p{  
    color:rgb(108, 191, 208)  
}
```

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(108, 191, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 191, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 26.423, 218.314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

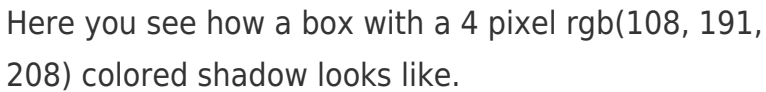
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 191, 208) }
```

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

```
.border{ border-color:rgb(108, 191, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 191, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 191, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 191, 208);  
box-shadow:4px 4px 4px 4px rgb(108, 191,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 26.423, 218.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 191, 208) }
```

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

```
.background{ background-color: rgb(108,  
191, 208) }
```

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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