

Converting Colors

CIELCh(73, 26.231, 216.465)

Have a look what the booklet for
CIELCh(73, 26.231, 216.465)
contains.

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Color

CIELCh(73, 26.111, 217.290)

Conversions

Conversions Part 1

Format	Color
Hex	6DBFCF
RGB	109, 191, 207
RGB Percent	43%, 75%, 81%
CMY	0.5715, 0.2499, 0.1872
CMYK	0.47, 0.08, 0.00, 0.19
HSL	190°, 51%, 62%
HSV	190°, 47%, 81%
XYZ	36.3245, 45.1644, 66.0073
YIQ	168.3060, -54.0080, -12.4080

Conversions

Conversions Part 2

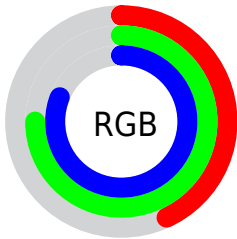
Format	Color
RYB	109, 154, 207
Decimal	7192527
CIELab	73.00, -20.77, -15.82
CIELCh	73, 26.111, 217.290
Yxy	45.1644, 0.2463, 0.3062
Android (android.graphics.Color)	4285382607 (0xFF6DBFCF)
YUV	168.3060, 19.0761, -52.0114
Hunter-Lab	67.2044, -21.1271, -11.1907

Details

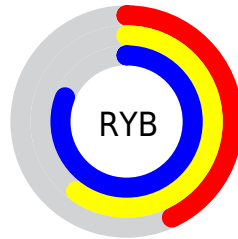
The CIELCh color **73, 26.111, 217.290** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 37.426, 36.543**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 25.728, 205.995**, and **53, 26.047, 218.308** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.896, 218.366**, and if you desaturate by 10%, it is **75, 21.598, 216.508**.

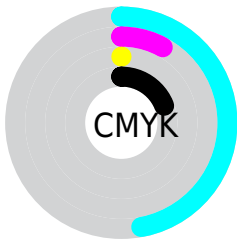
Distribution



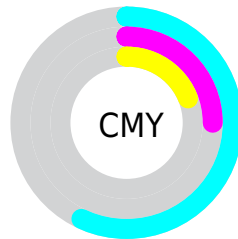
- Red (43%)
- Green (75%)
- Blue (81%)



- Red (43%)
- Yellow (60%)
- Blue (81%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)





- Cyan (57%)
- Magenta (25%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 26.111, 217.290 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, 26.111, 217.290 by changing the saturation by 10% instead.


 73, 26.111,
217.290


 73, 26.111,
217.290


 100, 26.111,
217.290


 63, 26.111,
217.290


 93, 26.111,
217.290

 53, 26.111,
217.290

 43, 26.111,
217.290

 33, 26.111,
217.290

 23, 26.111,
217.290

 13, 26.111,
217.290

 3, 26.111, 217.290

0, 26.111, 217.290

73, 26.111,
217.290

73, 26.111,
217.290

71, 29.896,
218.366

75, 21.598,
216.508

70, 32.884,
219.809

77, 16.451,
215.972

68, 35.044,
221.686

79, 10.774,
215.636

67, 36.407,
224.067

81, 4.665, 215.501

66, 37.095,
226.983

84, 1.782, 34.976

86, 8.487, 35.230

65, 37.241,
227.818

89, 15.381, 35.333

■ 90, 14.980, 42.642

■ 91, 14.627, 50.676

Harmonies

Complementary

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



73, 26.111, 217.290



61, 37.426, 36.543

Rectangle

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



73, 26.111, 217.290



73, 26.111, 267.290



73, 26.111, 37.290



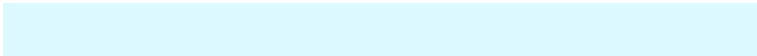
73, 26.111, 87.290

Sweetspot

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



73, 26.111, 217.288



96, 10.423, 215.569



76, 56.715, 144.811



51, 7.150, 215.614



0, 0.000, 0.000



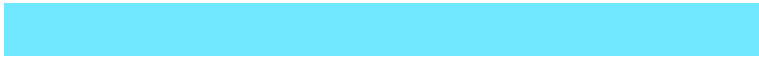
53, 0.007, 296.813

Same Dimension

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



73, 26.111, 217.288



86, 35.112, 218.417



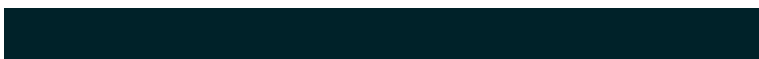
60, 36.890, 278.293



43, 3.643, 215.507



54, 31.895, 227.299



11, 12.279, 220.543

Inverse Universe

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



60, 56.037, 332.254



68, 77.827, 332.944



72, 37.506, 83.494



41, 6.872, 329.818



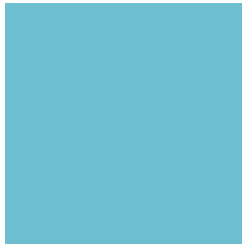
38, 74.592, 335.940



5, 27.431, 333.968

Previews

White Background



This preview shows how the CIELCh color 73, 26.111, 217.290 looks on a white background.

Color Contrast Check

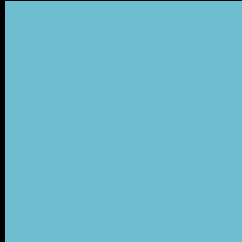
Large Text (above 18pt) WCAG AA × Fail

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, 26.111, 217.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

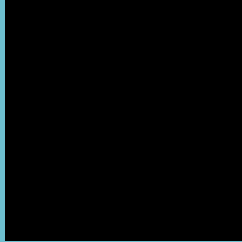
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 26.111, 217.290

Background



This preview shows how black text looks on a background with the CIELCh color 73, 26.111, 217.290.



This preview shows how white text looks on a background with the CIELCh color 73, 26.111, 217.290.

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, 26.111, 217.290

Protanopia

73, 11.420, 289.500

Deuteranopia

73, 20.294, 297.958



Tritanopia
73, 26.111, 217.290

Trichromacy



Original Color
73, 26.111, 217.290



Protanomaly
72, 14.268, 245.496



Deuteranomaly
72, 18.199, 263.307

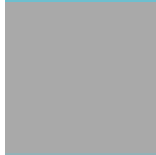


Tritanomaly
73, 26.111, 217.290

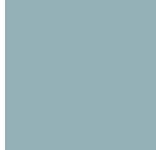
Monochromacy



Original Color
73, 26.111, 217.290



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 10.985, 216.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 26.111, 217.290 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(109, 191, 207)` looks like.

```
.text, #text, p{  
    color:rgb(109, 191, 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(109, 191, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 191, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 26.111, 217.290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

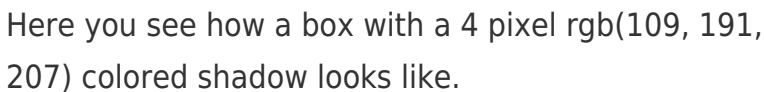
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 191, 207) }
```

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

```
.border{ border-color:rgb(109, 191, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 191, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 191, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 191, 207); box-shadow:4px 4px 4px 4px rgb(109, 191, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 26.111, 217.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 191, 207) }
```

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

```
.background{ background-color: rgb(109,  
191, 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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