

Converting Colors

CIELCh(73, 28.023, 226.851)

Have a look what the booklet for
CIELCh(73, 28.023, 226.851)
contains.

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Color

CIELCh(73, 28.103, 226.925)

Conversions

Conversions Part 1

Format	Color
Hex	69BFD8
RGB	105, 191, 216
RGB Percent	41%, 75%, 85%
CMY	0.5886, 0.2514, 0.1534
CMYK	0.51, 0.12, 0.00, 0.15
HSL	194°, 59%, 63%
HSV	194°, 51%, 85%
XYZ	36.8012, 45.1644, 71.6706
YIQ	168.1360, -59.2810, -10.4570

Conversions

Conversions Part 2

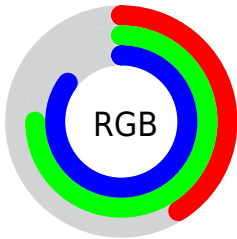
Format	Color
R _{YB}	105, 153, 216
Decimal	6930392
CIE Lab	73.00, -19.19, -20.53
CIE LCh	73, 28.103, 226.925
Yxy	45.1644, 0.2395, 0.2940
Android (android.graphics.Color)	4285120472 (0xFF69BFD8)
YUV	168.1360, 23.5970, -55.3703
Hunter-Lab	67.2044, -19.8610, -16.1871

Details

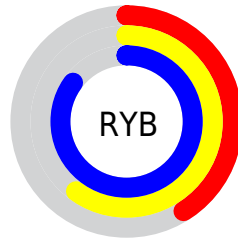
The CIELCh color **73, 28.103, 226.925** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **63, 41.219, 42.123**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 26.260, 206.960**, and **53, 28.064, 227.362** is the 20% darker color. If you saturate the color by 10%, you get **71, 31.772, 228.805**, and if you desaturate by 10%, it is **75, 23.732, 225.475**.

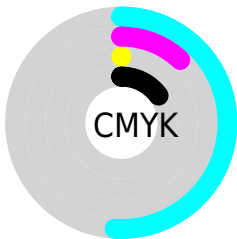
Distribution



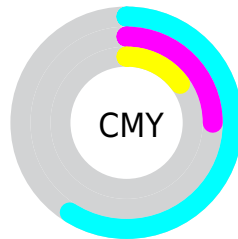
- Red (41%)
- Green (75%)
- Blue (85%)



- Red (41%)
- Yellow (60%)
- Blue (85%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)





- Cyan (59%)
- Magenta (25%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 28.103, 226.925 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, 28.103, 226.925 by changing the saturation by 10% instead.


 73, 28.103,
226.925


 73, 28.103,
226.925


 100, 28.103,
226.925


 63, 28.103,
226.925


 93, 28.103,
226.925

 53, 28.103,
226.925

 43, 28.103,
226.925

 33, 28.103,
226.925

 23, 28.103,
226.925

 13, 28.103,
226.925

 3, 28.103, 226.925

0, 28.103, 226.925

73, 28.103,
226.925

73, 28.103,
226.925

71, 31.772,
228.805

75, 23.732,
225.475

69, 34.699,
231.209

78, 18.737,
224.378

67, 36.897,
234.224

80, 13.208,
223.566

65, 38.453,
237.908

83, 7.239, 222.996

64, 39.470,
241.511

86, 0.920, 223.101

89, 5.672, 42.083

92, 12.109, 42.604

■ 93, 11.787, 57.049

■ 94, 12.236, 71.301

Harmonies

Complementary

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



73, 28.103, 226.925



63, 41.219, 42.123

Rectangle

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



73, 28.103, 226.925



73, 28.103, 276.925



73, 28.103, 46.925



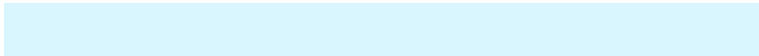
73, 28.103, 96.925

Sweetspot

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



73, 28.102, 226.923



95, 10.783, 223.180



78, 60.347, 146.411



50, 7.314, 223.301



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, 28.102, 226.923



82, 36.459, 229.058



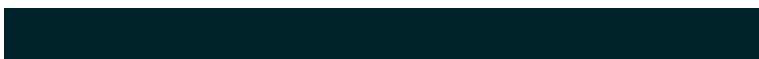
58, 45.611, 284.173



44, 3.595, 222.913



51, 33.054, 240.741



11, 12.682, 231.863

Inverse Universe

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



60, 59.873, 335.004



66, 79.762, 335.914



76, 44.263, 88.284



42, 6.709, 331.993



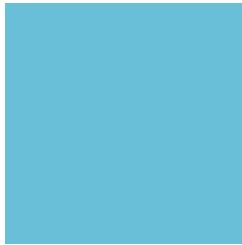
38, 72.031, 339.648



6, 27.923, 337.097

Previews

White Background



This preview shows how the CIELCh color 73, 28.103, 226.925 looks on a white background.

Color Contrast Check

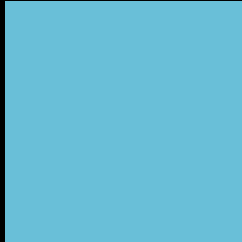
Large Text (above 18pt) WCAG AA × Fail

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, 28.103, 226.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

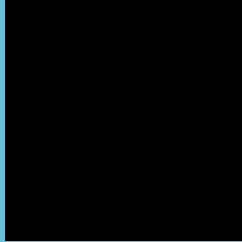
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 28.103, 226.925

Background



This preview shows how black text looks on a background with the CIELCh color 73, 28.103, 226.925.

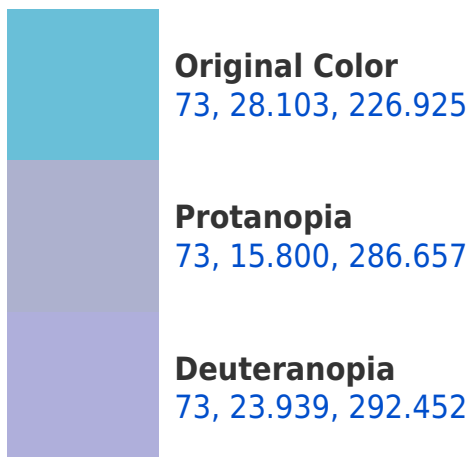


This preview shows how white text looks on a background with the CIELCh color 73, 28.103, 226.925.

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, 27.861, 215.886

Trichromacy



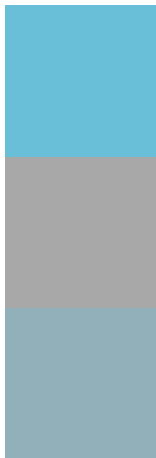
Original Color
73, 28.103, 226.925

Protanomaly
72, 18.552, 254.424

Deuteranomaly
73, 22.117, 265.078

Tritanomaly
73, 27.905, 219.510

Monochromacy



Original Color
73, 28.103, 226.925

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 11.764, 223.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 28.103, 226.925 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(105, 191, 216)` looks like.

```
.text, #text, p{  
    color:rgb(105, 191, 216)  
}
```

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(105, 191, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 191, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 28.103, 226.925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

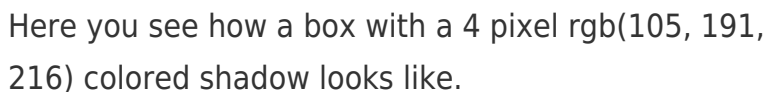
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 191, 216) }
```

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

```
.border{ border-color:rgb(105, 191, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 191, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 191, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 191, 216); box-shadow:4px 4px 4px 4px rgb(105, 191, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 28.103, 226.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 191, 216) }
```

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

```
.background{ background-color: rgb(105,  
191, 216) }
```

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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