

Converting Colors

CIELCh(71, 28.516, 224.027)

Have a look what the booklet for
CIELCh(71, 28.516, 224.027)
contains.

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Color

CIELCh(71, 28.516, 224.027)

Conversions

Conversions Part 1

Format	Color
Hex	60BAD1
RGB	96, 186, 209
RGB Percent	38%, 73%, 82%
CMY	0.6237, 0.2707, 0.1805
CMYK	0.54, 0.11, 0.00, 0.18
HSL	192°, 55%, 60%
HSV	192°, 54%, 82%
XYZ	33.8739, 42.1875, 66.6539
YIQ	161.7120, -61.0230, -11.9270

Conversions

Conversions Part 2

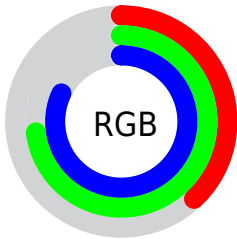
Format	Color
RYB	96, 146, 209
Decimal	6339281
CIELab	71.00, -20.50, -19.82
CIELCh	71, 28.516, 224.027
Yxy	42.1875, 0.2374, 0.2956
Android (android.graphics.Color)	4284529361 (0xFF60BAD1)
YUV	161.7120, 23.3130, -57.6294
Hunter-Lab	64.9519, -20.5741, -15.3773

Details

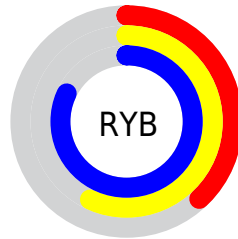
The CIELCh color **71, 28.516, 224.027** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 43.162, 40.381**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 27.420, 212.162**, and **51, 28.567, 224.142** is the 20% darker color. If you saturate the color by 10%, you get **69, 31.841, 225.794**, and if you desaturate by 10%, it is **73, 24.460, 222.675**.

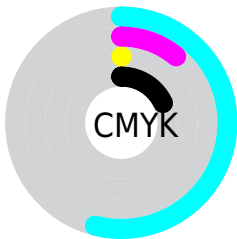
Distribution



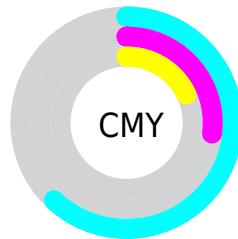
- Red (38%)
- Green (73%)
- Blue (82%)



- Red (38%)
- Yellow (57%)
- Blue (82%)



- Cyan (54%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)




- Cyan (62%)
- Magenta (27%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 28.516, 224.027 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 71, 28.516, 224.027 by changing the saturation by 10% instead.


 71, 28.516,
224.027


 71, 28.516,
224.027


 100, 28.516,
224.027


 61, 28.516,
224.027


 91, 28.516,
224.027

 51, 28.516,
224.027

 41, 28.516,
224.027

 31, 28.516,
224.027

 21, 28.516,
224.027

 11, 28.516,
224.027

 1, 28.516, 224.027

0, 28.516, 224.027

71, 28.516,
224.027

71, 28.516,
224.027

69, 31.841,
225.794

73, 24.460,
222.675

67, 34.402,
228.065

75, 19.747,
221.664

66, 36.219,
230.921

78, 14.467,
220.928

64, 37.388,
234.416

80, 8.717, 220.422

63, 37.914,
236.698

83, 2.590, 220.209

85, 3.834, 39.612

88, 10.481, 39.572

■ 90, 14.361, 43.481

■ 91, 14.018, 54.078

Harmonies

Complementary

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



71, 28.516, 224.027



60, 43.162, 40.381

Rectangle

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



71, 28.516, 224.027



71, 28.516, 274.027



71, 28.516, 44.027



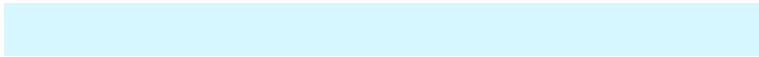
71, 28.516, 94.027

Sweetspot

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



71, 28.515, 224.025



95, 11.578, 220.510



76, 62.309, 145.529



50, 7.769, 220.608



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 28.515, 224.025



82, 37.559, 226.136



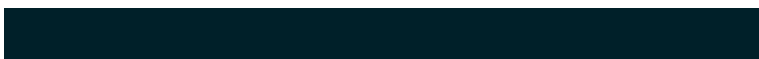
55, 45.806, 283.736



43, 3.559, 220.264



52, 32.221, 236.030



11, 12.196, 227.470

Inverse Universe

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



58, 61.812, 334.302



65, 83.742, 335.202



73, 44.785, 86.624



41, 6.679, 331.208



38, 72.381, 338.286



5, 26.584, 335.824

Previews

White Background



This preview shows how the CIELCh color 71, 28.516, 224.027 looks on a white background.

Color Contrast Check

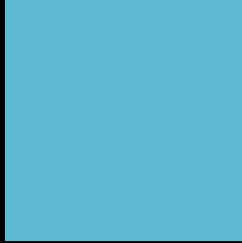
Large Text (above 18pt) WCAG AA × Fail

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 71, 28.516, 224.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

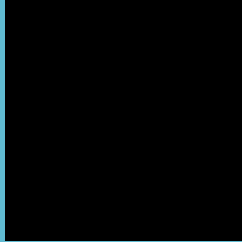
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 28.516, 224.027

Background



This preview shows how black text looks on a background with the CIELCh color 71, 28.516, 224.027.



This preview shows how white text looks on a background with the CIELCh color 71, 28.516, 224.027.

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

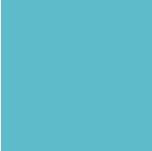
71, 28.516, 224.027

Protanopia

71, 15.335, 287.766

Deuteranopia

71, 24.091, 292.523

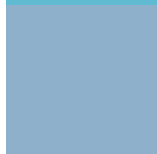


Tritanopia
71, 28.564, 214.258

Trichromacy



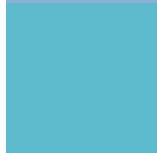
Original Color
71, 28.516, 224.027



Protanomaly
70, 18.222, 253.420



Deuteranomaly
70, 22.483, 263.840

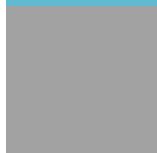


Tritanomaly
71, 28.560, 217.823

Monochromacy



Original Color
71, 28.516, 224.027



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 12.239, 219.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 28.516, 224.027 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(96, 186, 209)` looks like.

```
.text, #text, p{  
    color:rgb(96, 186, 209)  
}
```

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(96, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 186, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 28.516, 224.027 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(96, 186, 209) }
```

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

```
.border{ border-color:rgb(96, 186, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 186, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 186, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 186, 209);  
box-shadow:4px 4px 4px 4px rgb(96, 186,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 28.516, 224.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 186, 209) }
```

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

```
.background{ background-color: rgb(96, 186,  
209) }
```

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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