

Converting Colors

CIELCh(71, 32.145, 222.853)

Have a look what the booklet for
CIELCh(71, 32.145, 222.853)
contains.

CIELCh(71, 32.246, 222.700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 32.246, 222.700)

Conversions

Conversions Part 1

Format	Color
Hex	4EBCD5
RGB	78, 188, 213
RGB Percent	31%, 74%, 84%
CMY	0.6959, 0.2642, 0.1662
CMYK	0.64, 0.12, 0.00, 0.17
HSL	191°, 61%, 57%
HSV	191°, 64%, 83%
XYZ	32.9663, 42.1875, 69.0963
YIQ	157.9600, -73.5850, -15.5450

Conversions

Conversions Part 2

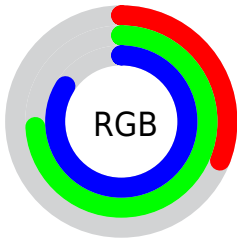
Format	Color
RYB	78, 139, 213
Decimal	5160149
CIELab	71.00, -23.70, -21.87
CIELCh	71, 32.246, 222.700
Yxy	42.1875, 0.2285, 0.2925
Android (android.graphics.Color)	4283350229 (0xFF4EBCD5)
YUV	157.9600, 27.1347, -70.1249
Hunter-Lab	64.9519, -23.0683, -17.6068

Details

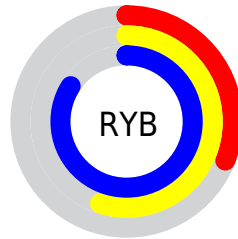
The CIELCh color **71, 32.246, 222.700** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **56, 53.800, 39.689**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 31.168, 208.191**, and **51, 30.478, 224.683** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.811, 224.704**, and if you desaturate by 10%, it is **73, 28.871, 221.154**.

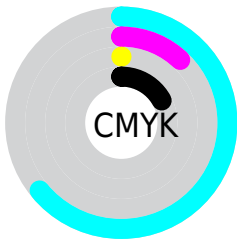
Distribution



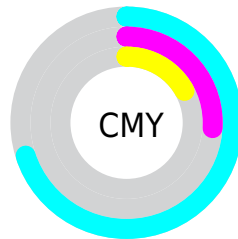
- Red (31%)
- Green (74%)
- Blue (84%)



- Red (31%)
- Yellow (55%)
- Blue (84%)



- Cyan (64%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)





- Cyan (70%)
- Magenta (26%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 32.246, 222.700 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, 32.246, 222.700 by changing the saturation by 10% instead.


 71, 32.246,
222.700


 71, 32.246,
222.700


 100, 32.246,
222.700


 61, 32.246,
222.700


 91, 32.246,
222.700

 51, 32.246,
222.700

 41, 32.246,
222.700

 31, 32.246,
222.700

 21, 32.246,
222.700

 11, 32.246,
222.700

 1, 32.246, 222.700

0, 32.246, 222.700

71, 32.246,
222.700

71, 32.246,
222.700

69, 34.811,
224.704

73, 28.871,
221.154

68, 36.581,
227.248

75, 24.732,
219.991

66, 37.643,
230.390

77, 19.907,
219.138

66, 38.100,
232.671

79, 14.493,
218.536

82, 8.591, 218.146

84, 2.298, 218.064

87, 4.299, 37.537

■ 90, 11.126, 37.564

■ 91, 13.111, 44.213

Harmonies

Complementary

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



71, 32.246, 222.700



56, 53.800, 39.689

Rectangle

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



71, 32.246, 222.700



71, 32.246, 272.700



71, 32.246, 42.700



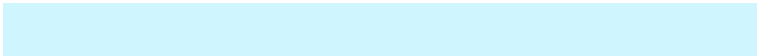
71, 32.246, 92.700

Sweetspot

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



71, 32.245, 222.699



94, 13.755, 218.343



76, 73.605, 143.680



50, 9.380, 218.468



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, 32.245, 222.699



81, 40.689, 225.471



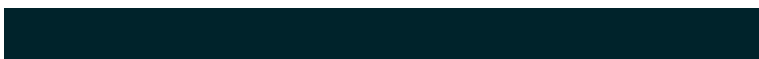
52, 53.901, 285.354



44, 3.666, 218.049



53, 32.345, 232.062



12, 12.661, 224.749

Inverse Universe

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



55, 72.163, 334.241



61, 93.293, 335.257



72, 52.605, 83.888



42, 6.903, 330.561



39, 74.189, 337.196



6, 28.761, 335.176

Previews

White Background



This preview shows how the CIE LCh color 71, 32.246, 222.700 looks on a white background.

Color Contrast Check

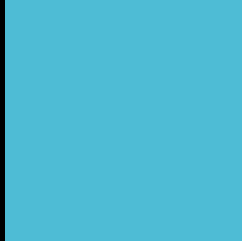
Large Text (above 18pt) WCAG AA × Fail

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, 32.246, 222.700 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, 32.246, 222.700

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.246, 222.700.



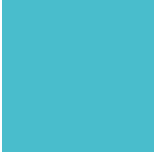
This preview shows how white text looks on a background with the CIELCh color 71, 32.246, 222.700.

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
71, 32.586, 211.845

Trichromacy



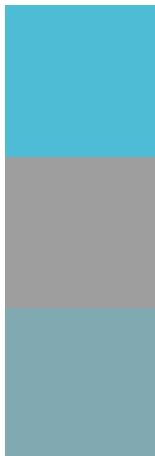
Original Color
71, 32.246, 222.700

Protanomaly
70, 20.266, 248.176

Deuteranomaly
70, 24.587, 259.678

Tritanomaly
71, 32.209, 216.240

Monochromacy



Original Color
71, 32.246, 222.700

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 14.500, 218.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.246, 222.700 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(78, 188, 213)` looks like.

```
.text, #text, p{  
    color:rgb(78, 188, 213)  
}
```

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(78, 188, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 188, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.246, 222.700 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(78, 188, 213) }
```

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

```
.border{ border-color:rgb(78, 188, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 188, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 188, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 188, 213);  
box-shadow:4px 4px 4px 4px rgb(78, 188,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.246, 222.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 188, 213) }
```

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

```
.background{ background-color: rgb(78, 188,  
213) }
```

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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