

Converting Colors

CIELCh(71, 25.068, 243.387)

Have a look what the booklet for
CIELCh(71, 25.068, 243.387)
contains.

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Color

CIELCh(71, 24.977, 243.110)

Conversions

Conversions Part 1

Format	Color
Hex	79B6D6
RGB	121, 182, 214
RGB Percent	47%, 71%, 84%
CMY	0.5269, 0.2876, 0.1622
CMYK	0.44, 0.15, 0.00, 0.16
HSL	201°, 53%, 66%
HSV	201°, 44%, 84%
XYZ	36.5823, 42.1875, 69.5901
YIQ	167.4090, -46.6280, -2.9800

Conversions

Conversions Part 2

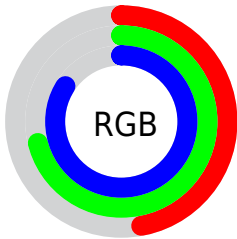
Format	Color
RYB	121, 158, 214
Decimal	7976662
CIELab	71.00, -11.30, -22.28
CIElCh	71, 24.977, 243.110
Yxy	42.1875, 0.2466, 0.2844
Android (android.graphics.Color)	4286166742 (0xFF79B6D6)
YUV	167.4090, 22.9694, -40.7007
Hunter-Lab	64.9519, -13.1309, -18.0575

Details

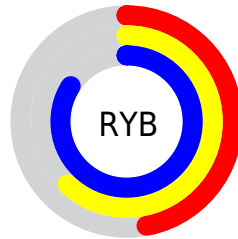
The CIELCh color **71, 24.977, 243.110** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **68, 32.087, 53.756**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 20.972, 223.346**, and **51, 24.976, 242.940** is the 20% darker color. If you saturate the color by 10%, you get **68, 29.716, 245.509**, and if you desaturate by 10%, it is **74, 19.800, 241.173**.

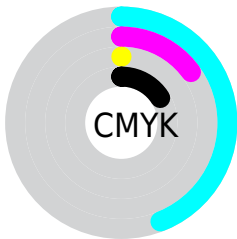
Distribution



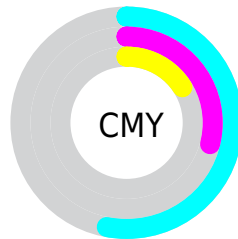
- Red (47%)
- Green (71%)
- Blue (84%)



- Red (47%)
- Yellow (62%)
- Blue (84%)



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)





- Cyan (53%)
- Magenta (29%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 24.977, 243.110 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, 24.977, 243.110 by changing the saturation by 10% instead.


 71, 24.977,
243.110


 71, 24.977,
243.110


 100, 24.977,
243.110


 61, 24.977,
243.110


 91, 24.977,
243.110

 51, 24.977,
243.110

 41, 24.977,
243.110

 31, 24.977,
243.110

 21, 24.977,
243.110

 11, 24.977,
243.110

 1, 24.977, 243.110

■ 0, 24.977, 243.110

■ 71, 24.977,
243.110

■ 71, 24.977,
243.110

■ 68, 29.716,
245.509

■ 74, 19.800,
241.173

■ 65, 33.990,
248.463

■ 77, 14.241,
239.623

■ 62, 37.809,
252.042

■ 81, 8.360, 238.394

■ 60, 41.247,
256.280

■ 84, 2.221, 237.550

■ 57, 44.442,
261.125

■ 88, 4.118, 56.383

■ 56, 46.510,
264.402

■ 91, 10.608, 55.795

■ 94, 12.908, 70.167

■ 95, 14.724, 87.510

■ 97, 17.552,
100.057

Harmonies

Complementary

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



71, 24.977, 243.110



68, 32.087, 53.756

Rectangle

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



71, 24.977, 243.110



71, 24.977, 293.110



71, 24.977, 63.110



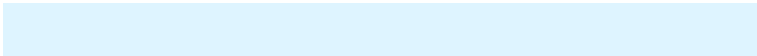
71, 24.977, 113.110

Sweetspot

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



71, 24.976, 243.108



95, 9.282, 238.351



79, 46.793, 151.669



50, 6.467, 238.597



0, 0.000, 0.000



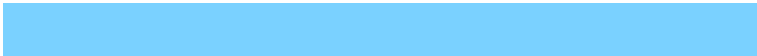
53, 0.007, 296.813

Same Dimension

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



71, 24.976, 243.108



80, 33.442, 245.245



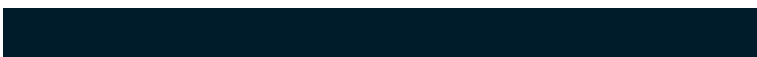
59, 44.009, 289.077



43, 3.542, 237.978



45, 38.991, 263.532



9, 13.798, 252.218

Inverse Universe

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



63, 47.168, 339.658



69, 63.996, 340.587



80, 41.022, 97.342



42, 6.163, 336.756



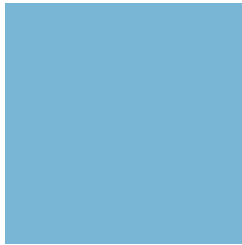
38, 66.668, 348.098



5, 25.684, 343.711

Previews

White Background



This preview shows how the CIE LCh color 71, 24.977, 243.110 looks on a white background.

Color Contrast Check

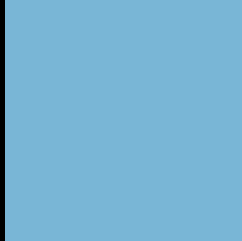
Large Text (above 18pt) WCAG AA × Fail

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, 24.977, 243.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

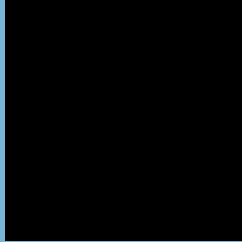
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 24.977, 243.110

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.977, 243.110.

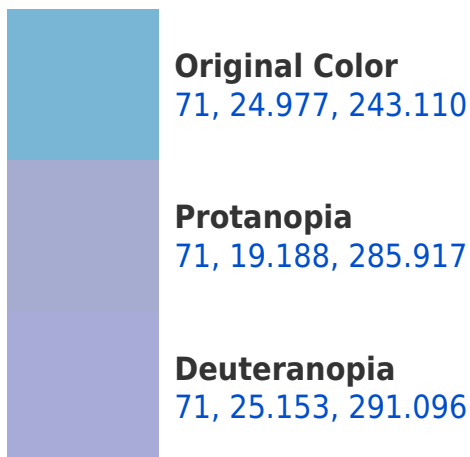


This preview shows how white text looks on a background with the CIELCh color 71, 24.977, 243.110.

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](#).

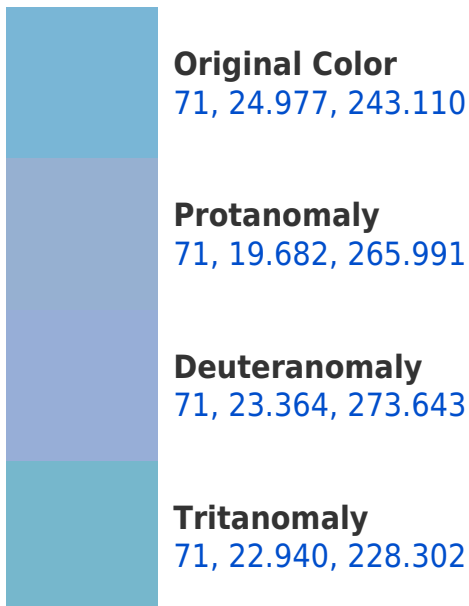
Dichromacy



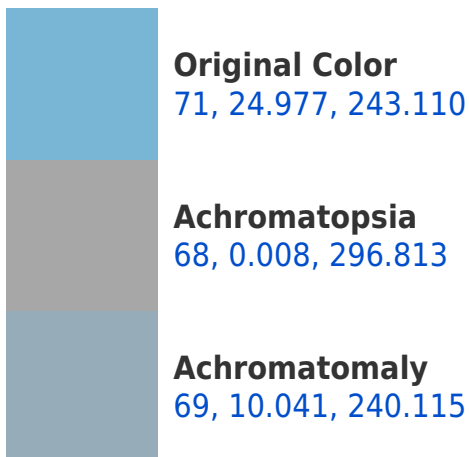


Tritanopia
71, 22.715, 219.201

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.977, 243.110 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(121, 182, 214)` looks like.

```
.text, #text, p{  
    color:rgb(121, 182, 214)  
}
```

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(121, 182, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 182, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.977, 243.110 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(121, 182, 214) }
```

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

```
.border{ border-color:rgb(121, 182, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 182, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 182, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 182, 214);  
box-shadow:4px 4px 4px 4px rgb(121, 182,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.977, 243.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 182, 214) }
```

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

```
.background{ background-color: rgb(121,  
182, 214) }
```

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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