

Converting Colors

CIELCh(77, 23.522, 226.716)

Have a look what the booklet for
CIELCh(77, 23.522, 226.716)
contains.

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Color

CIELCh(77, 23.579, 226.882)

Conversions

Conversions Part 1

Format	Color
Hex	84C8DD
RGB	132, 200, 221
RGB Percent	52%, 78%, 87%
CMY	0.4817, 0.2150, 0.1327
CMYK	0.40, 0.09, 0.00, 0.13
HSL	194°, 57%, 69%
HSV	194°, 40%, 87%
XYZ	43.3062, 51.5317, 76.1865
YIQ	182.0620, -47.2690, -7.8850

Conversions

Conversions Part 2

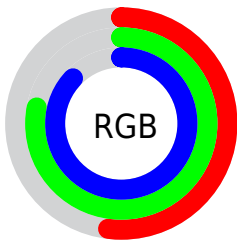
Format	Color
RYB	132, 171, 221
Decimal	8702173
CIELab	77.00, -16.12, -17.21
CIELCh	77, 23.579, 226.882
Yxy	51.5317, 0.2532, 0.3013
Android (android.graphics.Color)	4286892253 (0xFF84C8DD)
YUV	182.0620, 19.1964, -43.9044
Hunter-Lab	71.7856, -17.9410, -12.6749

Details

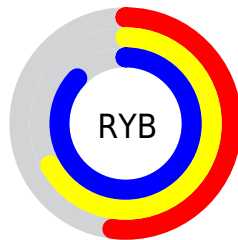
The CIELCh color **77, 23.579, 226.882** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 31.284, 42.892**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.687, 198.082**, and **57, 23.514, 227.058** is the 20% darker color. If you saturate the color by 10%, you get **75, 28.128, 228.378**, and if you desaturate by 10%, it is **80, 18.415, 225.738**.

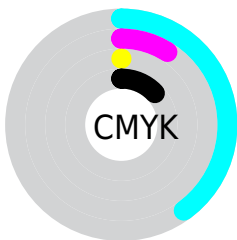
Distribution



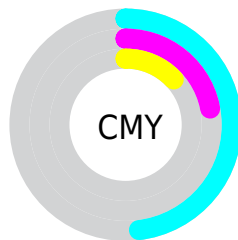
- Red (52%)
- Green (78%)
- Blue (87%)



- Red (52%)
- Yellow (67%)
- Blue (87%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 23.579, 226.882 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 77, 23.579, 226.882 by changing the saturation by 10% instead.

■ 77, 23.579,
226.882

■ 77, 23.579,
226.882

■ 100, 23.579,
226.882

■ 67, 23.579,
226.882

■ 97, 23.579,
226.882

■ 57, 23.579,
226.882

■ 47, 23.579,
226.882

■ 37, 23.579,
226.882

■ 27, 23.579,
226.882

■ 17, 23.579,
226.882

■ 7, 23.579, 226.882

0, 23.579, 226.882

77, 23.579,
226.882

77, 23.579,
226.882

75, 28.128,
228.378

80, 18.415,
225.738

72, 31.988,
230.316

82, 12.730,
224.887

70, 35.113,
232.787

85, 6.617, 224.285

68, 37.515,
235.879

88, 0.163, 227.256

66, 39.278,
239.652

91, 6.555, 43.309

65, 40.606,
243.892

93, 10.150, 51.205

95, 10.418, 69.256

■ 96, 11.624, 84.884

■ 97, 13.511, 96.799

Harmonies

Complementary

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



77, 23.579, 226.882



69, 31.284, 42.892

Rectangle

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



77, 23.579, 226.882



77, 23.579, 276.882



77, 23.579, 46.882



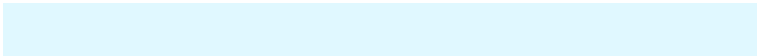
77, 23.579, 96.882

Sweetspot

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



77, 23.578, 226.879



96, 8.662, 224.377



81, 48.226, 148.319



51, 5.726, 224.448



0, 0.000, 0.000



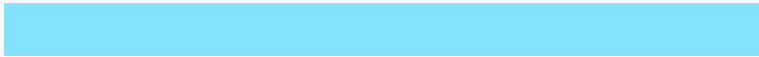
53, 0.007, 296.813

Same Dimension

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



77, 23.578, 226.879



85, 30.435, 228.068



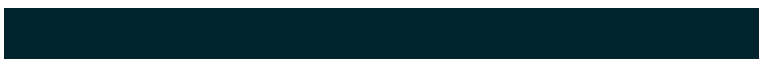
65, 36.688, 282.622



45, 3.650, 224.249



51, 33.737, 243.078



12, 13.182, 234.356

Inverse Universe

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



67, 48.376, 334.589



72, 63.940, 335.222



80, 35.771, 91.040



43, 6.788, 332.393



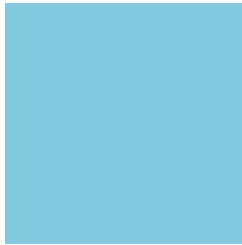
39, 72.253, 340.357



6, 29.273, 337.813

Previews

White Background



This preview shows how the CIELCh color 77, 23.579, 226.882 looks on a white background.

Color Contrast Check

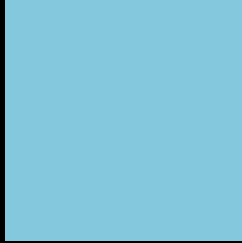
Large Text (above 18pt) WCAG AA × Fail

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 77, 23.579, 226.882 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 77, 23.579, 226.882

Background



This preview shows how black text looks on a background with the CIELCh color 77, 23.579, 226.882.



This preview shows how white text looks on a background with the CIELCh color 77, 23.579, 226.882.

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](#).

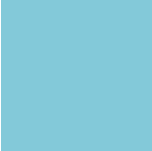
Dichromacy



Original Color
77, 23.579, 226.882

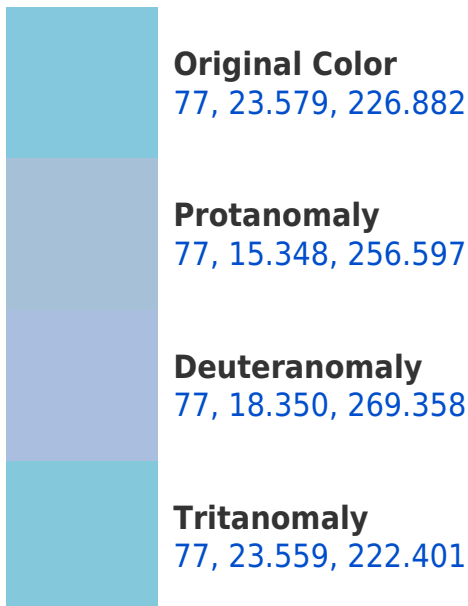
Protanopia
77, 13.449, 288.447

Deuteranopia
77, 21.138, 297.653

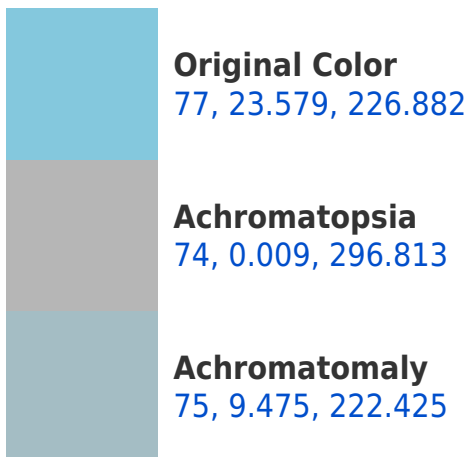


Tritanopia
77, 23.296, 219.770

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 23.579, 226.882 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(132, 200, 221)` looks like.

```
.text, #text, p{  
    color:rgb(132, 200, 221)  
}
```

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(132, 200, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 200, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 23.579, 226.882 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(132, 200, 221) }
```

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

```
.border{ border-color:rgb(132, 200, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 200, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 200, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 200, 221);  
box-shadow:4px 4px 4px 4px rgb(132, 200,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 23.579, 226.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 200, 221) }
```

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

```
.background{ background-color: rgb(132,  
200, 221) }
```

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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