

Converting Colors

CIELCh(76, 23.864, 197.587)

Have a look what the booklet for
CIELCh(76, 23.864, 197.587)
contains.

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Color

CIELCh(76, 23.777, 197.658)

Conversions

Conversions Part 1

Format	Color
Hex	7FC8C8
RGB	127, 200, 200
RGB Percent	50%, 78%, 78%
CMY	0.5026, 0.2164, 0.2164
CMYK	0.37, 0.00, 0.00, 0.22
HSL	180°, 40%, 64%
HSV	180°, 37%, 78%
XYZ	39.7445, 49.8872, 62.0703
YIQ	178.1730, -43.5080, -15.4760

Conversions

Conversions Part 2

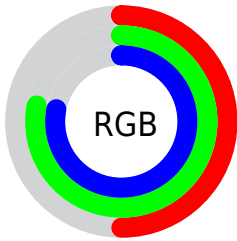
Format	Color
RYB	127, 164, 200
Decimal	8374472
CIELab	76.00, -22.66, -7.21
CIELCh	76, 23.777, 197.658
Yxy	49.8872, 0.2620, 0.3289
Android (android.graphics.Color)	4286564552 (0xFF7FC8C8)
YUV	178.1730, 10.7607, -44.8787
Hunter-Lab	70.6309, -23.1608, -2.6623

Details

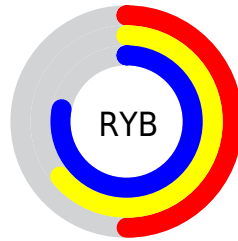
The CIELCh color **76, 23.777, 197.658** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 30.674, 22.759**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.133, 197.991**, and **56, 23.968, 197.190** is the 20% darker color. If you saturate the color by 10%, you get **75, 28.870, 197.286**, and if you desaturate by 10%, it is **77, 17.974, 198.085**.

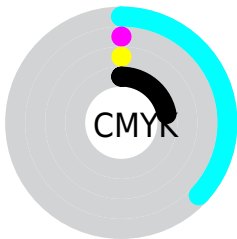
Distribution



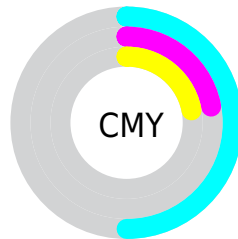
- Red (50%)
- Green (78%)
- Blue (78%)



- Red (50%)
- Yellow (64%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (50%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 23.777, 197.658 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 76, 23.777, 197.658 by changing the saturation by 10% instead.

 76, 23.777,
197.658

 76, 23.777,
197.658

 100, 23.777,
197.658


 66, 23.777,
197.658


 96, 23.777,
197.658

 56, 23.777,
197.658

 46, 23.777,
197.658

 36, 23.777,
197.658

 26, 23.777,
197.658

 16, 23.777,
197.658

 6, 23.777, 197.658

■ 0, 23.777, 197.658

■ 76, 23.777,
197.658

■ 76, 23.777,
197.658

■ 75, 28.870,
197.286

■ 77, 17.974,
198.085

■ 74, 33.155,
196.980

■ 78, 11.575,
198.576

■ 74, 36.562,
196.740

■ 80, 4.696, 199.164

■ 81, 2.550, 19.383

■ 74, 39.062,
196.566

■ 83, 10.064, 20.126

■ 73, 40.679,
196.455

■ 85, 17.758, 20.752

■ 73, 41.509,
196.397

■ 85, 20.980, 21.011

■ 73, 41.709,
196.383

■ 85, 20.980, 21.010

■ 85, 20.980, 21.010

Harmonies

Complementary

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



76, 23.777, 197.658



61, 30.674, 22.759

Rectangle

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



76, 23.777, 197.658



76, 23.777, 247.658



76, 23.777, 17.658



76, 23.777, 67.658

Sweetspot

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



76, 23.777, 197.655



98, 9.531, 198.871



74, 47.449, 141.385



52, 6.380, 198.793



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 23.777, 197.655



94, 33.599, 197.351



66, 22.537, 259.596



41, 4.034, 198.977



61, 35.889, 196.383



12, 12.984, 196.384

Inverse Universe

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



61, 30.674, 22.759



71, 46.254, 24.065



69, 25.255, 69.162



39, 4.279, 19.921



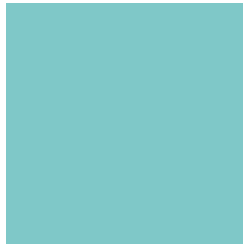
34, 74.644, 39.776



3, 15.885, 19.404

Previews

White Background



This preview shows how the CIELCh color 76, 23.777, 197.658 looks on a white background.

Color Contrast Check

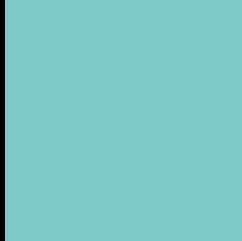
Large Text (above 18pt) WCAG AA × Fail

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 76, 23.777, 197.658 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

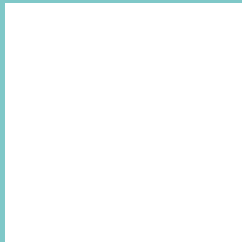
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 23.777, 197.658

Background



This preview shows how black text looks on a background with the CIELCh color 76, 23.777, 197.658.



This preview shows how white text looks on a background with the CIELCh color 76, 23.777, 197.658.

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](#).

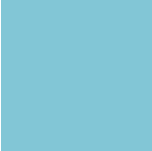
Dichromacy



Original Color
76, 23.777, 197.658

Protanopia
76, 3.438, 309.171

Deuteranopia
76, 13.753, 316.053



Tritanopia
76, 22.811, 220.343

Trichromacy



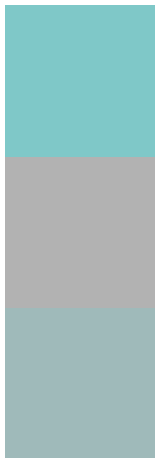
Original Color
76, 23.777, 197.658

Protanomaly
75, 8.723, 213.198

Deuteranomaly
75, 9.493, 252.033

Tritanomaly
76, 22.798, 211.616

Monochromacy



Original Color
76, 23.777, 197.658

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 9.647, 198.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 23.777, 197.658 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(127, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(127, 200, 200)  
}
```

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(127, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 200, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 23.777, 197.658 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(127, 200, 200) }
```

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

```
.border{ border-color:rgb(127, 200, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(127, 200,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 23.777, 197.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 200, 200) }
```

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

```
.background{ background-color: rgb(127,  
200, 200) }
```

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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