

Converting Colors

CIELCh(76, 27.797, 197.544)

Have a look what the booklet for
CIELCh(76, 27.797, 197.544)
contains.

CIELCh(76, 27.923, 197.372)	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(76, 27.923, 197.372)

Conversions

Conversions Part 1

Format	Color
Hex	71CACA
RGB	113, 202, 202
RGB Percent	44%, 79%, 79%
CMY	0.5577, 0.2087, 0.2087
CMYK	0.44, 0.00, 0.00, 0.21
HSL	180°, 46%, 62%
HSV	180°, 44%, 79%
XYZ	38.4849, 49.8872, 63.3418
YIQ	175.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

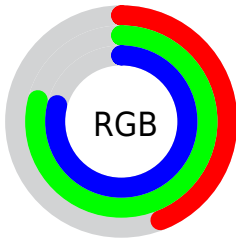
Format	Color
RYB	113, 158, 202
Decimal	7457482
CIELab	76.00, -26.65, -8.34
CIElCh	76, 27.923, 197.372
Yxy	49.8872, 0.2537, 0.3288
Android (android.graphics.Color)	4285647562 (0xFF71CACA)
YUV	175.3890, 13.1192, -54.7152
Hunter-Lab	70.6309, -26.3443, -3.7296

Details

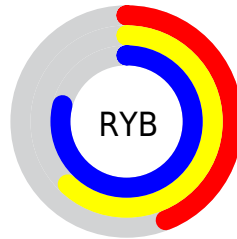
The CIELCh color **76, 27.923, 197.372** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 38.285, 23.977**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.754, 197.768**, and **56, 27.980, 196.857** is the 20% darker color. If you saturate the color by 10%, you get **75, 32.445, 197.048**, and if you desaturate by 10%, it is **77, 22.608, 197.754**.

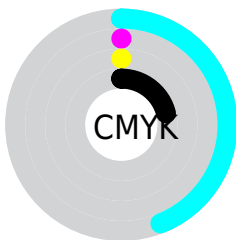
Distribution



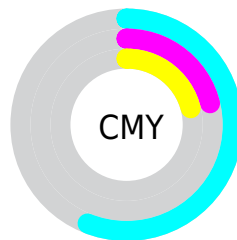
- Red (44%)
- Green (79%)
- Blue (79%)



- Red (44%)
- Yellow (62%)
- Blue (79%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (56%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 27.923, 197.372 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, 27.923, 197.372 by changing the saturation by 10% instead.


 76, 27.923,
197.372

 76, 27.923,
197.372


 100, 27.923,
197.372


 66, 27.923,
197.372


 96, 27.923,
197.372

 56, 27.923,
197.372

 46, 27.923,
197.372

 36, 27.923,
197.372

 26, 27.923,
197.372

 16, 27.923,
197.372

 6, 27.923, 197.372

■ 0, 27.923, 197.372

■ 76, 27.923,
197.372

■ 76, 27.923,
197.372

■ 75, 32.445,
197.048

■ 77, 22.608,
197.754

■ 75, 36.094,
196.793

■ 78, 16.604,
198.199

■ 74, 38.831,
196.603

■ 79, 10.027,
198.706

■ 74, 40.667,
196.477

■ 81, 2.993, 199.364

■ 74, 41.673,
196.409

■ 82, 4.385, 19.613

■ 84, 12.010, 20.281

■ 74, 42.014,
196.385

■ 86, 19.798, 20.906

■ 86, 20.176, 20.936

■ 86, 20.176, 20.935

Harmonies

Complementary

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



76, 27.923, 197.372



58, 38.285, 23.977

Rectangle

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



76, 27.923, 197.372



76, 27.923, 247.372



76, 27.923, 17.372



76, 27.923, 67.372

Sweetspot

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



76, 27.923, 197.370



98, 11.202, 198.757



74, 57.307, 140.651



52, 7.789, 198.636



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, 27.923, 197.370



93, 38.515, 197.059



64, 27.215, 261.402



42, 4.119, 198.976



62, 36.301, 196.385



13, 13.514, 196.386

Inverse Universe

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



58, 38.285, 23.977



67, 57.176, 25.913



68, 31.322, 68.233



40, 4.369, 19.924



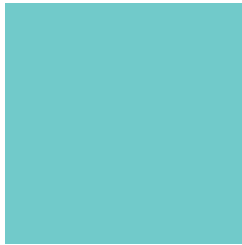
34, 75.553, 39.823



4, 17.910, 19.405

Previews

White Background



This preview shows how the CIELCh color 76, 27.923, 197.372 looks on a white background.

Color Contrast Check

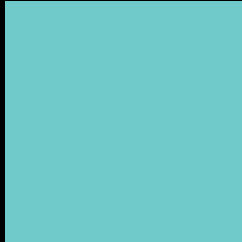
Large Text (above 18pt) WCAG AA × Fail

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, 27.923, 197.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

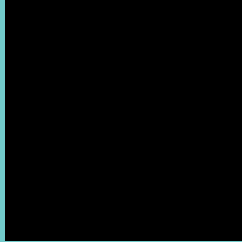
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

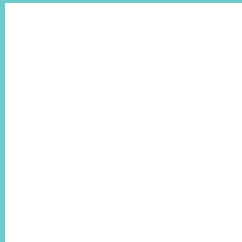
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 27.923, 197.372

Background



This preview shows how black text looks on a background with the CIELCh color 76, 27.923, 197.372.

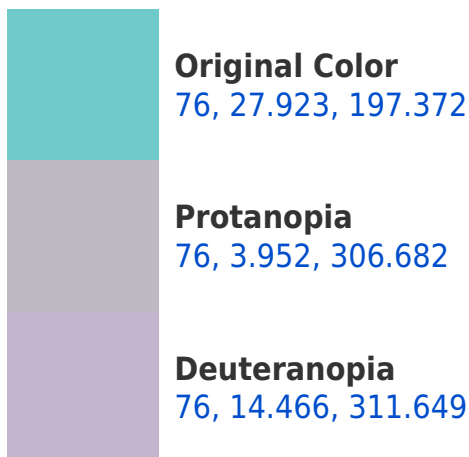


This preview shows how white text looks on a background with the CIELCh color 76, 27.923, 197.372.

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
76, 26.379, 216.936

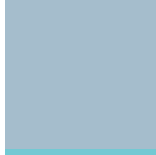
Trichromacy



Original Color
76, 27.923, 197.372



Protanomaly
75, 10.771, 213.236



Deuteranomaly
75, 11.413, 244.315

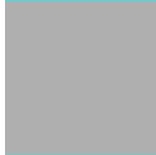


Tritanomaly
76, 26.787, 209.261

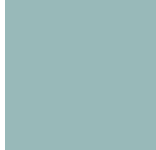
Monochromacy



Original Color
76, 27.923, 197.372



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 11.688, 198.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 27.923, 197.372 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(113, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(113, 202, 202)  
}
```

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(113, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 202, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 27.923, 197.372 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(113, 202, 202) }
```

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

```
.border{ border-color:rgb(113, 202, 202) }
```

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

Here you see how a box with a 4 pixel rgb(113, 202, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(113, 202,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 27.923, 197.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 202, 202) }
```

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

```
.background{ background-color: rgb(113,  
202, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor