

Converting Colors

CIELCh(76, 27.483, 188.326)

Have a look what the booklet for
CIELCh(76, 27.483, 188.326)
contains.

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Color

CIELCh(76, 27.448, 188.274)

Conversions

Conversions Part 1

Format	Color
Hex	77CAC2
RGB	119, 202, 194
RGB Percent	47%, 79%, 76%
CMY	0.5345, 0.2090, 0.2403
CMYK	0.41, 0.00, 0.04, 0.21
HSL	174°, 44%, 63%
HSV	174°, 41%, 79%
XYZ	38.3250, 49.8872, 58.4785
YIQ	176.2710, -46.9000, -20.0840

Conversions

Conversions Part 2

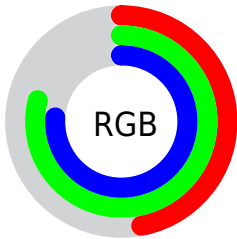
Format	Color
R_{YB}	119, 163, 202
Decimal	7850690
CIE _{Lab}	76.00, -27.16, -3.95
CIE _{LCh}	76, 27.448, 188.274
Yxy	49.8872, 0.2613, 0.3401
Android (android.graphics.Color)	4286040770 (0xFF77CAC2)
YUV	176.2710, 8.7404, -50.2267
Hunter-Lab	70.6309, -26.7484, 0.3527

Details

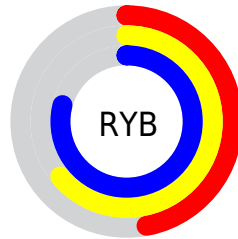
The CIELCh color **76, 27.448, 188.274** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 34.760, 16.270**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.847, 192.059**, and **56, 27.744, 187.250** is the 20% darker color. If you saturate the color by 10%, you get **75, 32.648, 187.449**, and if you desaturate by 10%, it is **77, 21.548, 189.073**.

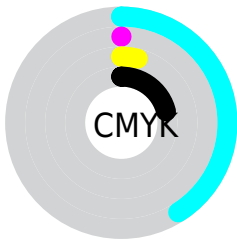
Distribution



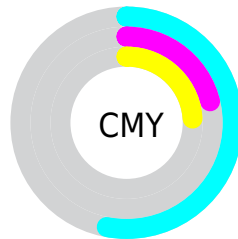
- Red (47%)
- Green (79%)
- Blue (76%)



- Red (47%)
- Yellow (64%)
- Blue (79%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)





- Cyan (53%)
- Magenta (21%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 27.448, 188.274 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, 27.448, 188.274 by changing the saturation by 10% instead.


 76, 27.448,
188.274


 76, 27.448,
188.274


 100, 27.448,
188.274


 66, 27.448,
188.274


 96, 27.448,
188.274

 56, 27.448,
188.274

 46, 27.448,
188.274

 36, 27.448,
188.274

 26, 27.448,
188.274

 16, 27.448,
188.274

 6, 27.448, 188.274

■ 0, 27.448, 188.274

■ 76, 27.448,
188.274

■ 76, 27.448,
188.274

■ 75, 32.648,
187.449

■ 77, 21.548,
189.073

■ 74, 37.045,
186.593

■ 78, 15.067,
189.863

■ 74, 40.568,
185.688

■ 80, 8.129, 190.663

■ 74, 43.193,
184.717

■ 81, 0.850, 191.992

■ 73, 44.958,
183.661

■ 83, 6.665, 12.029

■ 73, 45.977,
182.665

■ 84, 14.326, 12.817

■ 86, 20.189, 12.692

■ 86, 20.286, 9.855

■ 86, 20.435, 7.053

Harmonies

Complementary

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



76, 27.448, 188.274



59, 34.760, 16.270

Rectangle

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



76, 27.448, 188.274



76, 27.448, 238.274



76, 27.448, 8.274



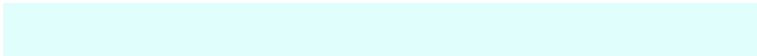
76, 27.448, 58.274

Sweetspot

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



76, 27.448, 188.272



98, 10.562, 190.579



75, 52.289, 139.041



52, 6.986, 190.472



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, 27.448, 188.272



93, 38.098, 187.572



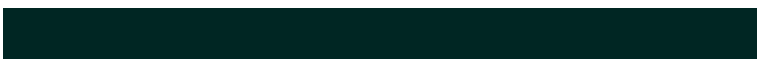
67, 23.533, 250.289



42, 4.189, 190.808



61, 39.677, 182.839



13, 14.459, 185.438

Inverse Universe

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



59, 34.760, 16.270



69, 50.994, 17.972



67, 28.574, 59.847



40, 4.397, 12.149



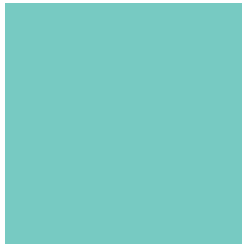
34, 71.676, 35.658



4, 17.992, 14.666

Previews

White Background



This preview shows how the CIELCh color 76, 27.448, 188.274 looks on a white background.

Color Contrast Check

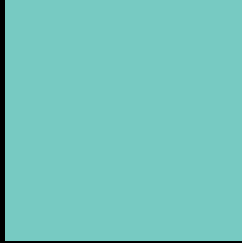
Large Text (above 18pt) WCAG AA × Fail

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, 27.448, 188.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

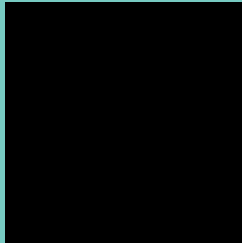
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

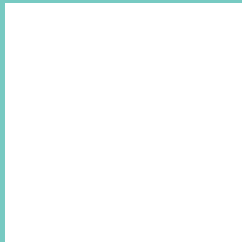
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 27.448, 188.274

Background



This preview shows how black text looks on a background with the CIELCh color 76, 27.448, 188.274.

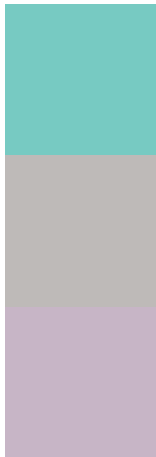


This preview shows how white text looks on a background with the CIELCh color 76, 27.448, 188.274.

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, 27.448, 188.274

Protanopia

76, 1.827, 55.193

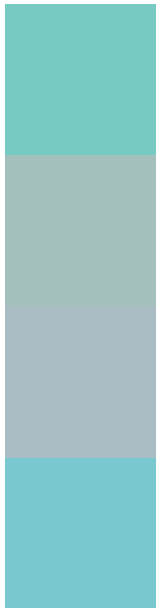
Deuteranopia

76, 11.341, 326.448



Tritanopia
76, 24.510, 218.597

Trichromacy



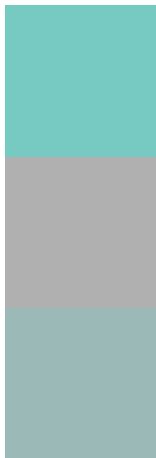
Original Color
76, 27.448, 188.274

Protanomaly
76, 10.310, 186.537

Deuteranomaly
75, 7.645, 228.682

Tritanomaly
76, 24.806, 206.471

Monochromacy



Original Color
76, 27.448, 188.274

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 10.916, 189.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 27.448, 188.274 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(119, 202, 194)` looks like.

```
.text, #text, p{  
    color:rgb(119, 202, 194)  
}
```

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(119, 202, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 202, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 27.448, 188.274 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(119, 202, 194) }
```

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

```
.border{ border-color:rgb(119, 202, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 202, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 202, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 202, 194);  
box-shadow:4px 4px 4px 4px rgb(119, 202,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 27.448, 188.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 202, 194) }
```

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

```
.background{ background-color: rgb(119,  
202, 194) }
```

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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