

Converting Colors

CIELCh(77, 27.911, 183.897)

Have a look what the booklet for
CIELCh(77, 27.911, 183.897)
contains.

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Color

CIELCh(77, 27.904, 183.915)

Conversions

Conversions Part 1

Format	Color
Hex	7BCDC1
RGB	123, 205, 193
RGB Percent	48%, 80%, 76%
CMY	0.5189, 0.1973, 0.2444
CMYK	0.40, 0.00, 0.06, 0.20
HSL	171°, 45%, 64%
HSV	171°, 40%, 80%
XYZ	39.4672, 51.5317, 58.1332
YIQ	179.1140, -45.0200, -21.1160

Conversions

Conversions Part 2

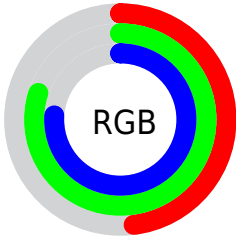
Format	Color
RYB	123, 167, 205
Decimal	8113601
CIELab	77.00, -27.84, -1.91
CIELCh	77, 27.904, 183.915
Yxy	51.5317, 0.2646, 0.3455
Android (android.graphics.Color)	4286303681 (0xFF7BCDC1)
YUV	179.1140, 6.8458, -49.2120
Hunter-Lab	71.7856, -27.4870, 2.2359

Details

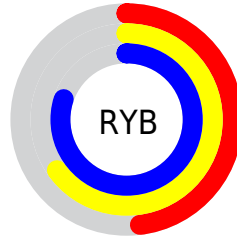
The CIELCh color **77, 27.904, 183.915** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 34.109, 12.280**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.842, 190.691**, and **57, 27.546, 184.816** is the 20% darker color. If you saturate the color by 10%, you get **76, 33.535, 182.917**, and if you desaturate by 10%, it is **78, 21.615, 184.856**.

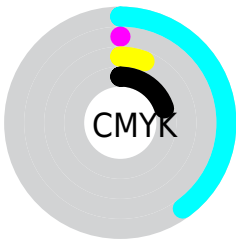
Distribution



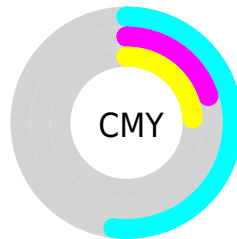
- Red (48%)
- Green (80%)
- Blue (76%)



- Red (48%)
- Yellow (65%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)





- Cyan (52%)
- Magenta (20%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 27.904, 183.915 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, 27.904, 183.915 by changing the saturation by 10% instead.


 77, 27.904,
183.915


 77, 27.904,
183.915


 100, 27.904,
183.915


 67, 27.904,
183.915


 97, 27.904,
183.915

 57, 27.904,
183.915

 47, 27.904,
183.915

 37, 27.904,
183.915

 27, 27.904,
183.915

 17, 27.904,
183.915

 7, 27.904, 183.915

0, 27.904, 183.915

77, 27.904,
183.915

77, 27.904,
183.915

76, 33.535,
182.917

78, 21.615,
184.856

75, 38.394,
181.852

79, 14.792,
185.762

75, 42.398,
180.697

81, 7.562, 186.659

74, 45.510,
179.430

82, 0.044, 199.632

84, 7.662, 8.165

74, 47.755,
178.033

86, 15.467, 8.991

74, 49.315,
176.533

87, 19.238, 6.911

■ 87, 19.578, 2.449

■ 87, 20.039,
358.173

Harmonies

Complementary

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



77, 27.904, 183.915



61, 34.109, 12.280

Rectangle

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



77, 27.904, 183.915



77, 27.904, 233.915



77, 27.904, 3.915



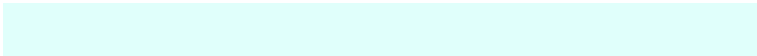
77, 27.904, 53.915

Sweetspot

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



77, 27.905, 183.913



98, 10.743, 186.469



76, 50.773, 137.887



52, 7.109, 186.350



0, 0.000, 0.000



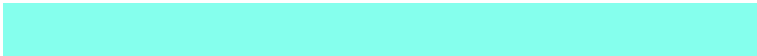
53, 0.007, 296.813

Same Dimension

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



77, 27.905, 183.913



93, 38.670, 183.065



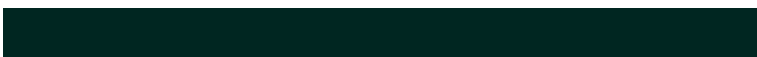
69, 22.508, 243.215



42, 4.257, 186.720



61, 42.045, 176.784



13, 15.103, 180.364

Inverse Universe

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



61, 34.109, 12.280



70, 49.578, 13.970



67, 28.126, 54.613



40, 4.443, 8.196



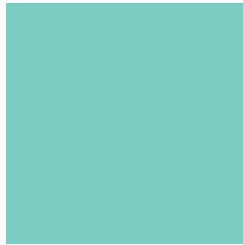
34, 69.438, 32.743



4, 18.082, 12.236

Previews

White Background



This preview shows how the CIELCh color 77, 27.904, 183.915 looks on a white background.

Color Contrast Check

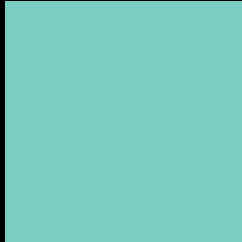
Large Text (above 18pt) WCAG AA × Fail

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, 27.904, 183.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

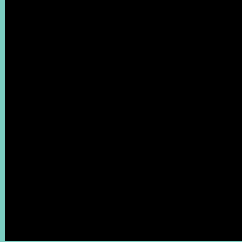
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

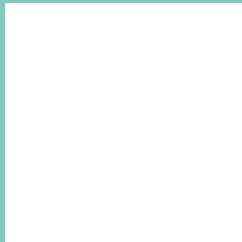
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 27.904, 183.915

Background



This preview shows how black text looks on a background with the CIELCh color 77, 27.904, 183.915.



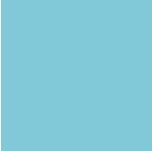
This preview shows how white text looks on a background with the CIELCh color 77, 27.904, 183.915.

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
77, 23.785, 219.269

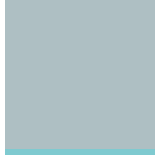
Trichromacy



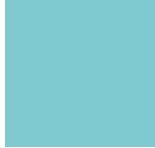
Original Color
77, 27.904, 183.915



Protanomaly
76, 10.187, 176.936



Deuteranomaly
76, 6.405, 218.727

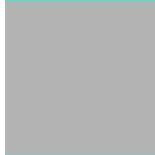


Tritanomaly
77, 24.035, 205.483

Monochromacy



Original Color
77, 27.904, 183.915



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 10.683, 186.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 27.904, 183.915 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(123, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(123, 205, 193)  
}
```

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(123, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 205, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 27.904, 183.915 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(123, 205, 193) }
```

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

```
.border{ border-color:rgb(123, 205, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 205, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(123, 205,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 27.904, 183.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 205, 193) }
```

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

```
.background{ background-color: rgb(123,  
205, 193) }
```

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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