

Converting Colors

CIELCh(77, 29.455, 197.148)

Have a look what the booklet for
CIELCh(77, 29.455, 197.148)
contains.

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Color

CIELCh(77, 29.373, 197.291)

Conversions

Conversions Part 1

Format	Color
Hex	6ECD CD
RGB	110, 205, 205
RGB Percent	43%, 80%, 80%
CMY	0.5676, 0.1951, 0.1951
CMYK	0.46, 0.00, 0.00, 0.20
HSL	180°, 49%, 62%
HSV	180°, 46%, 80%
XYZ	39.4016, 51.5317, 65.7824
YIQ	176.5950, -56.6200, -20.1400

Conversions

Conversions Part 2

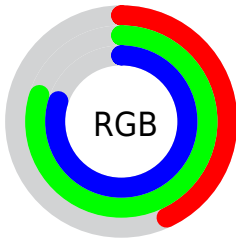
Format	Color
RYB	110, 158, 205
Decimal	7261645
CIELab	77.00, -28.05, -8.73
CIElCh	77, 29.373, 197.291
Yxy	51.5317, 0.2514, 0.3288
Android (android.graphics.Color)	4285451725 (0xFF6ECD CD)
YUV	176.5950, 14.0037, -58.4038
Hunter-Lab	71.7856, -27.6500, -4.0818

Details

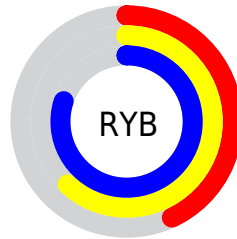
The CIELCh color **77, 29.373, 197.291** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 41.010, 24.380**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.559, 197.719**, and **57, 29.290, 197.906** is the 20% darker color. If you saturate the color by 10%, you get **76, 33.766, 196.982**, and if you desaturate by 10%, it is **78, 24.154, 197.660**.

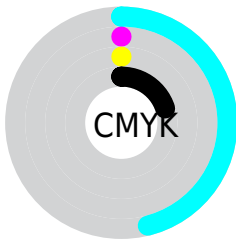
Distribution



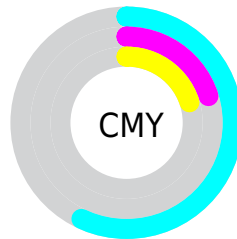
- Red (43%)
- Green (80%)
- Blue (80%)



- Red (43%)
- Yellow (62%)
- Blue (80%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)




- Cyan (57%)
- Magenta (20%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 29.373, 197.291 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, 29.373, 197.291 by changing the saturation by 10% instead.


 77, 29.373,
197.291


 77, 29.373,
197.291


 100, 29.373,
197.291


 67, 29.373,
197.291


 97, 29.373,
197.291

 57, 29.373,
197.291

 47, 29.373,
197.291

 37, 29.373,
197.291

 27, 29.373,
197.291

 17, 29.373,
197.291

 7, 29.373, 197.291

■ 0, 29.373, 197.291

■ 77, 29.373,
197.291

■ 77, 29.373,
197.291

■ 76, 33.766,
196.982

■ 78, 24.154,
197.660

■ 76, 37.261,
196.740

■ 79, 18.210,
198.093

■ 75, 39.828,
196.565

■ 80, 11.658,
198.586

■ 75, 41.490,
196.452

■ 82, 4.618, 199.179

■ 75, 42.343,
196.394

■ 83, 2.796, 19.411

■ 85, 10.481, 20.142

■ 75, 42.554,
196.380

■ 87, 18.349, 20.769

■ 87, 18.761, 20.800

■ 87, 18.760, 20.798

Harmonies

Complementary

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



77, 29.373, 197.291



57, 41.010, 24.380

Rectangle

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



77, 29.373, 197.291



77, 29.373, 247.291



77, 29.373, 17.291



77, 29.373, 67.291

Sweetspot

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



77, 29.373, 197.289



98, 12.029, 198.698



75, 60.782, 140.425



52, 8.252, 198.581



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, 29.373, 197.289



93, 39.965, 196.970



64, 28.885, 261.978



42, 4.119, 198.973



62, 36.302, 196.380



13, 13.514, 196.381

Inverse Universe

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



57, 41.010, 24.380



65, 60.856, 26.629



68, 33.504, 67.961



40, 4.369, 19.921



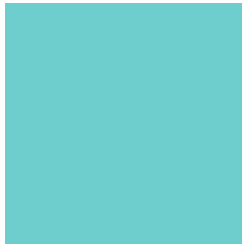
34, 75.552, 39.821



4, 17.910, 19.403

Previews

White Background



This preview shows how the CIELCh color 77, 29.373, 197.291 looks on a white background.

Color Contrast Check

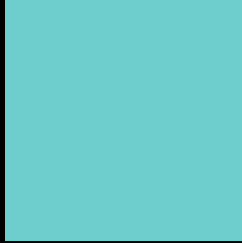
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 29.373, 197.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

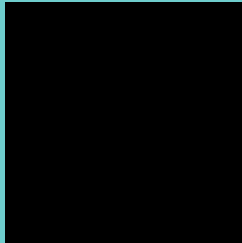
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

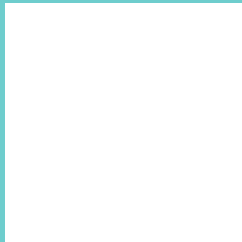
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 29.373, 197.291

Background



This preview shows how black text looks on a background with the CIELCh color 77, 29.373, 197.291.

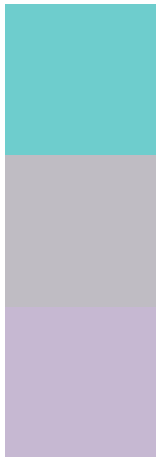


This preview shows how white text looks on a background with the CIELCh color 77, 29.373, 197.291.

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, 29.373, 197.291

Protanopia
77, 3.940, 306.679

Deuteranopia
77, 14.927, 310.934



Tritanopia
77, 27.519, 216.001

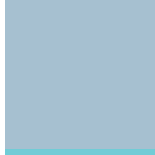
Trichromacy



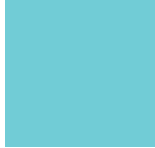
Original Color
77, 29.373, 197.291



Protanomaly
76, 11.392, 212.351



Deuteranomaly
76, 12.203, 243.999

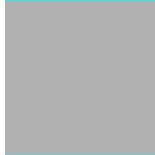


Tritanomaly
77, 27.968, 208.670

Monochromacy



Original Color
77, 29.373, 197.291



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 12.005, 198.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 29.373, 197.291 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(110, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(110, 205, 205)  
}
```

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(110, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 205, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 29.373, 197.291 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(110, 205, 205) }
```

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

```
.border{ border-color:rgb(110, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 205, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 205, 205); box-shadow:4px 4px 4px 4px rgb(110, 205, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 29.373, 197.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 205, 205) }
```

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

```
.background{ background-color: rgb(110,  
205, 205) }
```

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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