

Converting Colors

CIELCh(77, 32.682, 197.084)

Have a look what the booklet for
CIELCh(77, 32.682, 197.084)
contains.

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Color

CIELCh(77, 32.700, 197.075)

Conversions

Conversions Part 1

Format	Color
Hex	61CFCF
RGB	97, 207, 207
RGB Percent	38%, 81%, 81%
CMY	0.6206, 0.1892, 0.1891
CMYK	0.53, 0.00, 0.00, 0.19
HSL	180°, 53%, 60%
HSV	180°, 53%, 81%
XYZ	38.3916, 51.5317, 66.8044
YIQ	174.1100, -65.5600, -23.3200

Conversions

Conversions Part 2

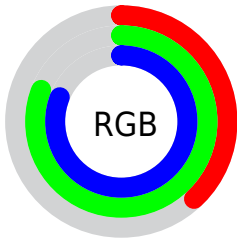
Format	Color
RYB	97, 152, 207
Decimal	6410191
CIELab	77.00, -31.26, -9.60
CIELCh	77, 32.700, 197.075
Yxy	51.5317, 0.2450, 0.3288
Android (android.graphics.Color)	4284600271 (0xFF61CF61)
YUV	174.1100, 16.2148, -67.6255
Hunter-Lab	71.7856, -30.1614, -4.9260

Details

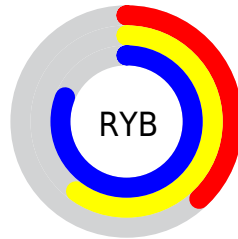
The CIELCh color **77, 32.700, 197.075** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 48.367, 25.815**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.407, 197.545**, and **57, 32.629, 197.530** is the 20% darker color. If you saturate the color by 10%, you get **76, 36.496, 196.812**, and if you desaturate by 10%, it is **78, 28.018, 197.400**.

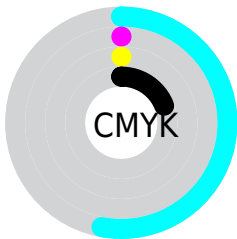
Distribution



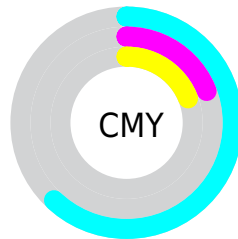
- Red (38%)
- Green (81%)
- Blue (81%)



- Red (38%)
- Yellow (60%)
- Blue (81%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)





- Cyan (62%)
- Magenta (19%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 32.700, 197.075 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, 32.700, 197.075 by changing the saturation by 10% instead.


 77, 32.700,
197.075


 77, 32.700,
197.075


 100, 32.700,
197.075


 67, 32.700,
197.075


 97, 32.700,
197.075

 57, 32.700,
197.075

 47, 32.700,
197.075

 37, 32.700,
197.075

 27, 32.700,
197.075

 17, 32.700,
197.075

 7, 32.700, 197.075

■ 0, 32.700, 197.075

■ 77, 32.700,
197.075

■ 77, 32.700,
197.075

■ 76, 36.496,
196.812

■ 78, 28.018,
197.400

■ 76, 39.362,
196.617

■ 79, 22.533,
197.790

■ 76, 41.304,
196.486

■ 80, 16.354,
198.241

■ 76, 42.391,
196.413

■ 81, 9.600, 198.755

■ 75, 42.788,
196.387

■ 83, 2.391, 199.465

■ 84, 5.162, 19.683

■ 86, 12.959, 20.340

■ 87, 18.146, 20.749

■ 87, 18.146, 20.749

Harmonies

Complementary

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



77, 32.700, 197.075



55, 48.367, 25.815

Rectangle

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



77, 32.700, 197.075



77, 32.700, 247.075



77, 32.700, 17.075



77, 32.700, 67.075

Sweetspot

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



77, 32.700, 197.073



97, 13.667, 198.594



75, 69.740, 140.005



52, 9.170, 198.486



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, 32.700, 197.073



92, 43.345, 196.777



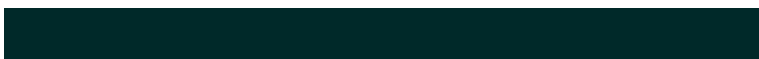
61, 33.863, 265.825



43, 4.203, 198.976



62, 36.712, 196.387



14, 14.038, 196.387

Inverse Universe

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



58, 69.263, 327.173



67, 94.935, 327.608



67, 39.532, 68.750



41, 7.693, 324.935



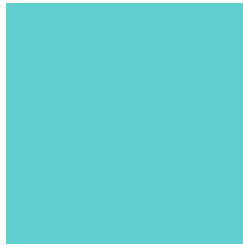
40, 84.660, 328.233



6, 31.113, 327.825

Previews

White Background



This preview shows how the CIELCh color 77, 32.700, 197.075 looks on a white background.

Color Contrast Check

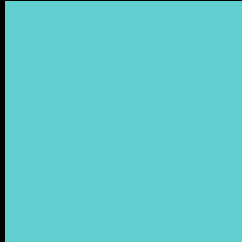
Large Text (above 18pt) WCAG AA × Fail

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, 32.700, 197.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

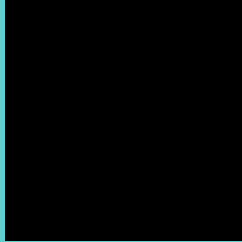
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

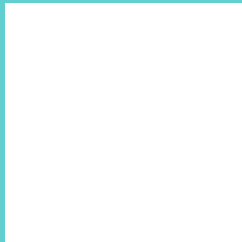
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 32.700, 197.075

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.700, 197.075.

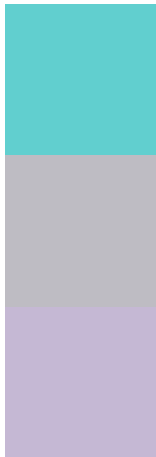


This preview shows how white text looks on a background with the CIELCh color 77, 32.700, 197.075.

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, 32.700, 197.075

Protanopia
77, 3.850, 301.461

Deuteranopia
77, 15.832, 308.430



Tritanopia
77, 30.693, 213.827

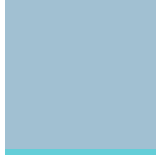
Trichromacy



Original Color
77, 32.700, 197.075



Protanomaly
76, 13.562, 207.625



Deuteranomaly
76, 14.046, 242.685

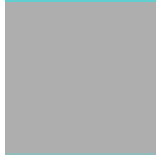


Tritanomaly
77, 31.231, 207.273

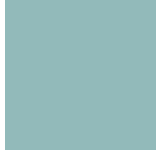
Monochromacy



Original Color
77, 32.700, 197.075



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 13.990, 198.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.700, 197.075 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(97, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(97, 207, 207)  
}
```

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(97, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 207, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.700, 197.075 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(97, 207, 207) }
```

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

```
.border{ border-color:rgb(97, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(97, 207,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.700, 197.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 207, 207) }
```

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

```
.background{ background-color: rgb(97, 207,  
207) }
```

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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