

Converting Colors

CIELCh(77, 37.328, 171.833)

Have a look what the booklet for
CIELCh(77, 37.328, 171.833)
contains.

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Color

CIELCh(77, 37.317, 171.955)

Conversions

Conversions Part 1

Format	Color
Hex	69D0B3
RGB	105, 208, 179
RGB Percent	41%, 82%, 70%
CMY	0.5871, 0.1832, 0.2970
CMYK	0.49, 0.00, 0.14, 0.18
HSL	163°, 52%, 61%
HSV	163°, 49%, 82%
XYZ	36.6453, 51.5317, 50.8034
YIQ	173.8970, -52.0790, -30.8550

Conversions

Conversions Part 2

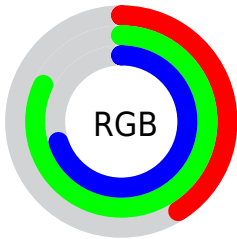
Format	Color
RYB	105, 165, 208
Decimal	6934707
CIELab	77.00, -36.95, 5.22
CIElCh	77, 37.317, 171.955
Yxy	51.5317, 0.2637, 0.3708
Android (android.graphics.Color)	4285124787 (0xFF69D0B3)
YUV	173.8970, 2.5158, -60.4227
Hunter-Lab	71.7856, -34.5036, 8.2898

Details

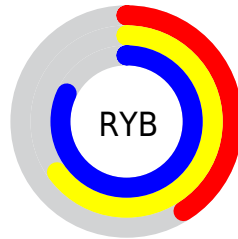
The CIELCh color **77, 37.317, 171.955** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **57, 43.761, 3.915**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.022, 178.548**, and **57, 37.437, 171.663** is the 20% darker color. If you saturate the color by 10%, you get **76, 43.332, 170.562**, and if you desaturate by 10%, it is **78, 30.614, 173.213**.

Distribution



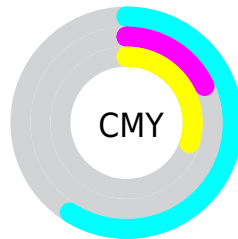
- Red (41%)
- Green (82%)
- Blue (70%)



- Red (41%)
- Yellow (65%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)





- Cyan (59%)
- Magenta (18%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 37.317, 171.955 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, 37.317, 171.955 by changing the saturation by 10% instead.


 77, 37.317,
171.955

 77, 37.317,
171.955


 100, 37.317,
171.955


 67, 37.317,
171.955


 97, 37.317,
171.955


 57, 37.317,
171.955

 47, 37.317,
171.955

 37, 37.317,
171.955

 27, 37.317,
171.955

 17, 37.317,
171.955

 7, 37.317, 171.955

■ 0, 37.317, 171.955

■ 77, 37.317,
171.955

■ 77, 37.317,
171.955

■ 76, 43.332,
170.562

■ 78, 30.614,
173.213

■ 76, 48.553,
169.011

■ 79, 23.351,
174.362

■ 75, 52.921,
167.279

■ 81, 15.666,
175.426

■ 75, 56.442,
165.352

■ 82, 7.692, 176.437

■ 74, 59.272,
163.268

■ 84, 0.456, 356.194

■ 74, 59.422,
163.156

■ 85, 8.677, 358.095

■ 87, 16.893,
358.944

■ 88, 19.373,
352.203

■ 88, 20.891,
344.740

Harmonies

Complementary

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



77, 37.317, 171.955



57, 43.761, 3.915

Rectangle

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



77, 37.317, 171.955



77, 37.317, 221.955



77, 37.317, 351.955



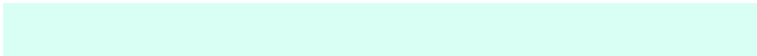
77, 37.317, 41.955

Sweetspot

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



77, 37.318, 171.954



97, 14.311, 175.861



77, 60.454, 133.698



51, 9.740, 175.645



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, 37.318, 171.954



91, 50.634, 170.526



71, 26.568, 225.311



43, 4.633, 176.441



61, 50.438, 163.504



14, 17.994, 168.337

Inverse Universe

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



57, 43.761, 3.915



64, 61.185, 6.317



61, 38.370, 41.290



41, 4.769, 358.075



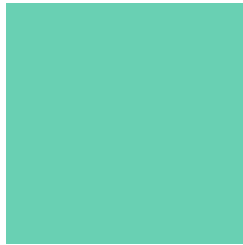
35, 64.663, 22.310



4, 20.430, 6.457

Previews

White Background



This preview shows how the CIELCh color 77, 37.317, 171.955 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, 37.317, 171.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

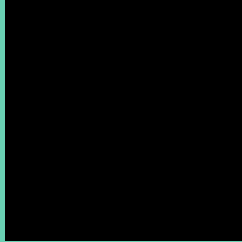
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

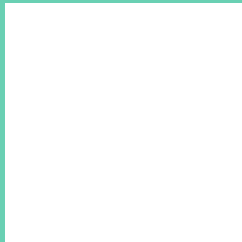
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 37.317, 171.955

Background



This preview shows how black text looks on a background with the CIELCh color 77, 37.317, 171.955.

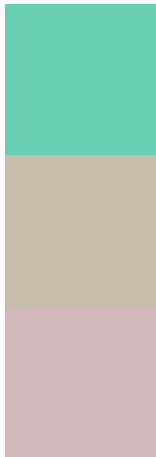


This preview shows how white text looks on a background with the CIELCh color 77, 37.317, 171.955.

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, 37.317, 171.955

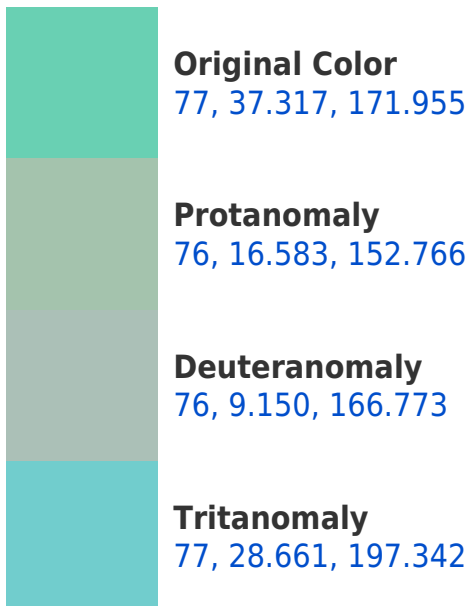
Protanopia
76, 10.743, 90.287

Deuteranopia
77, 9.911, 14.001

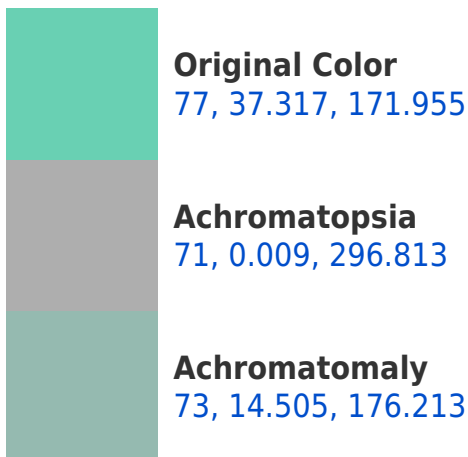


Tritanopia
77, 27.072, 216.343

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 37.317, 171.955 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(105, 208, 179)` looks like.

```
.text, #text, p{  
    color:rgb(105, 208, 179)  
}
```

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(105, 208, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 208, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 37.317, 171.955 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(105, 208, 179) }
```

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

```
.border{ border-color:rgb(105, 208, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 208, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 208, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 208, 179);  
box-shadow:4px 4px 4px 4px rgb(105, 208,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 37.317, 171.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 208, 179) }
```

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

```
.background{ background-color: rgb(105,  
208, 179) }
```

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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