

Converting Colors

CIELCh(77, 37.524, 181.482)

Have a look what the booklet for
CIELCh(77, 37.524, 181.482)
contains.

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Color

CIELCh(77, 37.527, 181.665)

Conversions

Conversions Part 1

Format	Color
Hex	5BD1BF
RGB	91, 209, 191
RGB Percent	36%, 82%, 75%
CMY	0.6435, 0.1807, 0.2513
CMYK	0.56, 0.00, 0.09, 0.18
HSL	171°, 56%, 59%
HSV	171°, 56%, 82%
XYZ	36.4760, 51.5317, 57.2618
YIQ	171.6660, -64.5500, -30.6140

Conversions

Conversions Part 2

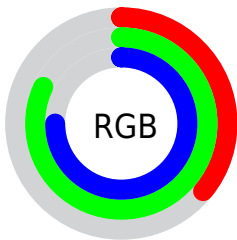
Format	Color
RYB	91, 155, 209
Decimal	6017471
CIELab	77.00, -37.51, -1.09
CIELCh	77, 37.527, 181.665
Yxy	51.5317, 0.2511, 0.3547
Android (android.graphics.Color)	4284207551 (0xFF5BD1BF)
YUV	171.6660, 9.5317, -70.7441
Hunter-Lab	71.7856, -34.9247, 2.9556

Details

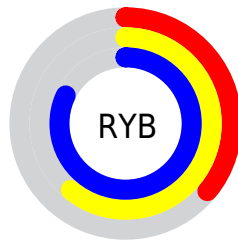
The CIELCh color **77, 37.527, 181.665** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **54, 50.010, 15.400**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.573, 190.056**, and **57, 37.477, 181.843** is the 20% darker color. If you saturate the color by 10%, you get **76, 41.955, 180.515**, and if you desaturate by 10%, it is **78, 32.258, 182.725**.

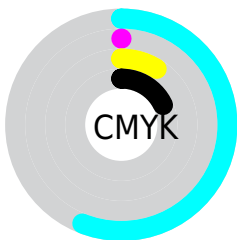
Distribution



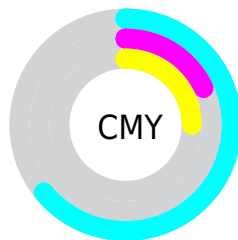
- Red (36%)
- Green (82%)
- Blue (75%)



- Red (36%)
- Yellow (61%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 37.527, 181.665 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, 37.527, 181.665 by changing the saturation by 10% instead.


 77, 37.527,
181.665

 77, 37.527,
181.665


 100, 37.527,
181.665


 67, 37.527,
181.665


 97, 37.527,
181.665

 57, 37.527,
181.665

 47, 37.527,
181.665

 37, 37.527,
181.665

 27, 37.527,
181.665

 17, 37.527,
181.665

 7, 37.527, 181.665

0, 37.527, 181.665

77, 37.527,
181.665

77, 37.527,
181.665

76, 41.955,
180.515

78, 32.258,
182.725

76, 45.484,
179.258

79, 26.245,
183.719

76, 48.115,
177.870

80, 19.611,
184.662

75, 49.932,
176.341

81, 12.486,
185.573

75, 50.476,
175.795

83, 4.995, 186.499

84, 2.745, 7.028

86, 10.636, 7.985

■ 88, 17.478, 7.906

■ 88, 17.829, 2.688

Harmonies

Complementary

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



77, 37.527, 181.665



54, 50.010, 15.400

Rectangle

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



77, 37.527, 181.665



77, 37.527, 231.665



77, 37.527, 1.665



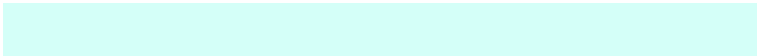
77, 37.527, 51.665

Sweetspot

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



77, 37.527, 181.664



97, 15.114, 185.509



76, 70.840, 136.252



51, 10.067, 185.325



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, 37.527, 181.664



91, 49.796, 180.237



66, 30.253, 244.698



43, 4.354, 186.217



62, 42.854, 176.056



14, 15.818, 179.511

Inverse Universe

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



54, 50.010, 15.400



60, 70.791, 19.161



62, 42.930, 52.045



41, 4.542, 7.712



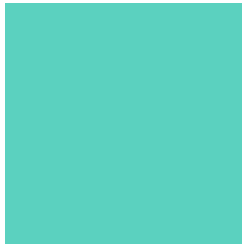
35, 69.984, 32.403



4, 20.124, 12.383

Previews

White Background



This preview shows how the CIELCh color 77, 37.527, 181.665 looks on a white background.

Color Contrast Check

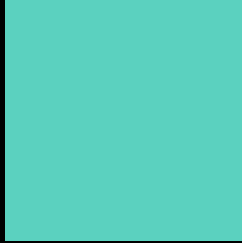
Large Text (above 18pt) WCAG AA × Fail

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, 37.527, 181.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

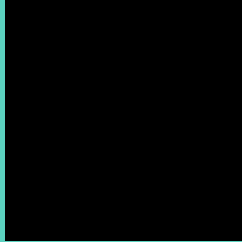
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

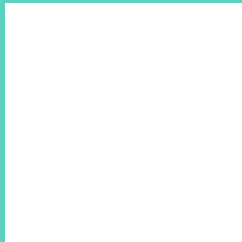
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 37.527, 181.665

Background



This preview shows how black text looks on a background with the CIELCh color 77, 37.527, 181.665.

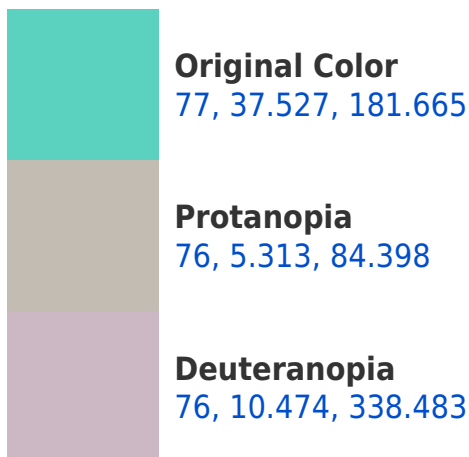


This preview shows how white text looks on a background with the CIELCh color 77, 37.527, 181.665.

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, 30.528, 215.021

Trichromacy



Original Color
77, 37.527, 181.665



Protanomaly
76, 15.770, 171.834



Deuteranomaly
76, 10.263, 204.726

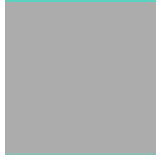


Tritanomaly
77, 31.909, 201.055

Monochromacy



Original Color
77, 37.527, 181.665



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 15.307, 185.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 37.527, 181.665 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(91, 209, 191)` looks like.

```
.text, #text, p{  
    color:rgb(91, 209, 191)  
}
```

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(91, 209, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 209, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 37.527, 181.665 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(91, 209, 191) }
```

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

```
.border{ border-color:rgb(91, 209, 191) }
```

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

Here you see how a box with a 4 pixel rgb(91, 209, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 209, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 209, 191);  
box-shadow:4px 4px 4px 4px rgb(91, 209,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 37.527, 181.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 209, 191) }
```

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

```
.background{ background-color: rgb(91, 209,  
191) }
```

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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