

Converting Colors

CIELCh(76, 33.453, 208.022)

Have a look what the booklet for
CIELCh(76, 33.453, 208.022)
contains.

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Color

CIELCh(76, 33.611, 207.362)

Conversions

Conversions Part 1

Format	Color
Hex	55CCD7
RGB	85, 204, 215
RGB Percent	33%, 80%, 84%
CMY	0.6677, 0.2009, 0.1578
CMYK	0.61, 0.05, 0.00, 0.16
HSL	185°, 62%, 59%
HSV	185°, 61%, 84%
XYZ	37.4943, 49.8872, 71.7847
YIQ	169.6730, -74.4550, -21.8070

Conversions

Conversions Part 2

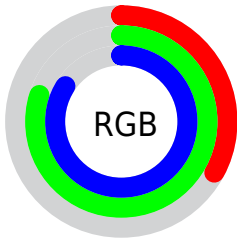
Format	Color
R _Y B	85, 147, 215
Decimal	5622999
CIE Lab	76.00, -29.85, -15.45
CIE LCh	76, 33.611, 207.362
Yxy	49.8872, 0.2356, 0.3134
Android (android.graphics.Color)	4283813079 (0xFF55CCD7)
YUV	169.6730, 22.3462, -74.2582
Hunter-Lab	70.6309, -28.8477, -10.8169

Details

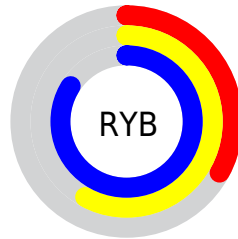
The CIELCh color **76, 33.611, 207.362** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **55, 54.551, 32.483**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.611, 197.412**, and **56, 32.432, 207.976** is the 20% darker color. If you saturate the color by 10%, you get **75, 36.451, 207.982**, and if you desaturate by 10%, it is **77, 29.851, 206.953**.

Distribution



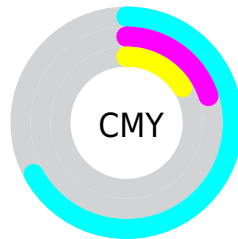
- Red (33%)
- Green (80%)
- Blue (84%)



- Red (33%)
- Yellow (58%)
- Blue (84%)



- Cyan (61%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)





- Cyan (67%)
- Magenta (20%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 33.611, 207.362 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 76, 33.611, 207.362 by changing the saturation by 10% instead.


 76, 33.611,
207.362


 76, 33.611,
207.362


 100, 33.611,
207.362


 66, 33.611,
207.362


 96, 33.611,
207.362

 56, 33.611,
207.362

 46, 33.611,
207.362

 36, 33.611,
207.362

 26, 33.611,
207.362

 16, 33.611,
207.362

 6, 33.611, 207.362

■ 0, 33.611, 207.362

■ 76, 33.611,
207.362

■ 76, 33.611,
207.362

■ 75, 36.451,
207.982

■ 77, 29.851,
206.953

■ 74, 38.355,
208.850

■ 79, 25.240,
206.729

■ 73, 39.365,
209.992

■ 80, 19.874,
206.659

■ 73, 39.686,
211.303

■ 82, 13.867,
206.720

■ 84, 7.335, 206.907

■ 86, 0.390, 208.563

■ 88, 6.870, 27.262

■ 90, 13.773, 27.915

■ 91, 13.273, 32.222

Harmonies

Complementary

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



76, 33.611, 207.362



55, 54.551, 32.483

Rectangle

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



76, 33.611, 207.362



76, 33.611, 257.362



76, 33.611, 27.362



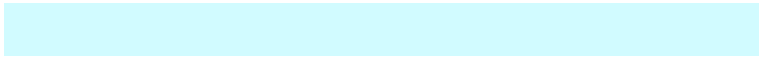
76, 33.611, 77.362

Sweetspot

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



76, 33.611, 207.360



96, 14.072, 206.752



77, 76.261, 141.231



51, 9.685, 206.713



0, 0.000, 0.000



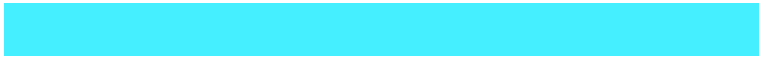
53, 0.007, 296.813

Same Dimension

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



76, 33.611, 207.360



87, 42.296, 208.229



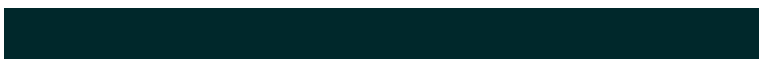
57, 44.560, 276.542



44, 3.951, 206.939



59, 33.505, 211.045



14, 13.339, 208.115

Inverse Universe

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



57, 75.037, 330.210



63, 97.770, 330.843



70, 48.158, 75.619



42, 7.407, 327.324



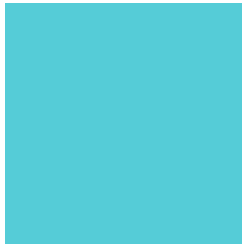
40, 80.140, 331.890



6, 30.982, 330.983

Previews

White Background



This preview shows how the CIELCh color 76, 33.611, 207.362 looks on a white background.

Color Contrast Check

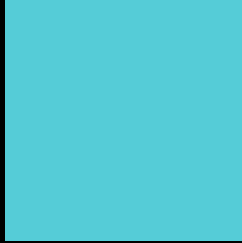
Large Text (above 18pt) WCAG AA × Fail

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 76, 33.611, 207.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

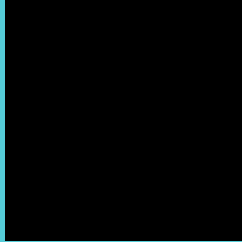
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 33.611, 207.362

Background



This preview shows how black text looks on a background with the CIELCh color 76, 33.611, 207.362.

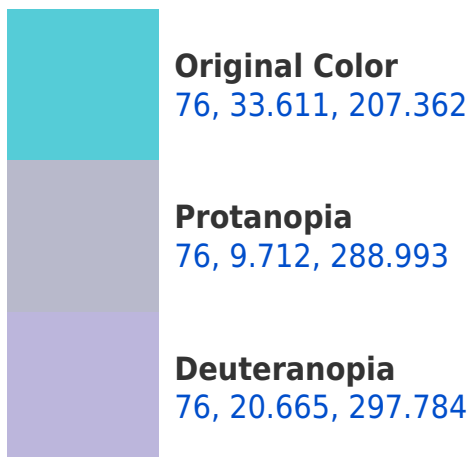


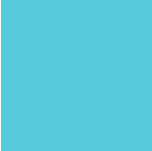
This preview shows how white text looks on a background with the CIELCh color 76, 33.611, 207.362.

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](#).

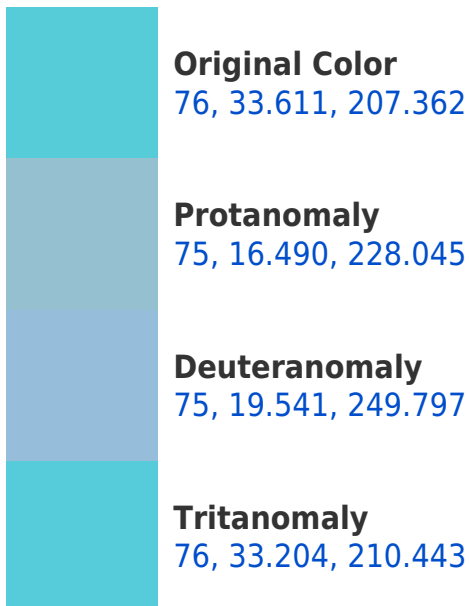
Dichromacy





Tritanopia
76, 33.058, 212.492

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 33.611, 207.362 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(85, 204, 215)` looks like.

```
.text, #text, p{  
    color:rgb(85, 204, 215)  
}
```

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(85, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 204, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 33.611, 207.362 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(85, 204, 215) }
```

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

```
.border{ border-color:rgb(85, 204, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 204, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 204, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 204, 215);  
box-shadow:4px 4px 4px 4px rgb(85, 204,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 33.611, 207.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 204, 215) }
```

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

```
.background{ background-color: rgb(85, 204,  
215) }
```

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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