

Converting Colors

CIELCh(76, 37.445, 205.414)

Have a look what the booklet for
CIELCh(76, 37.445, 205.414)
contains.

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Color

CIELCh(76, 37.594, 205.156)

Conversions

Conversions Part 1

Format	Color
Hex	3CCED8
RGB	60, 206, 216
RGB Percent	24%, 81%, 85%
CMY	0.7628, 0.1935, 0.1543
CMYK	0.72, 0.05, 0.00, 0.15
HSL	184°, 66%, 54%
HSV	184°, 72%, 85%
XYZ	36.2273, 49.8872, 72.4457
YIQ	163.4860, -90.2260, -27.8420

Conversions

Conversions Part 2

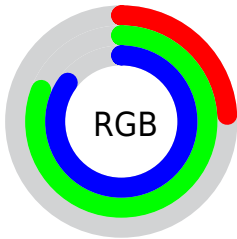
Format	Color
RYB	60, 135, 216
Decimal	3985112
CIELab	76.00, -34.03, -15.98
CIELCh	76, 37.594, 205.156
Yxy	49.8872, 0.2285, 0.3146
Android (android.graphics.Color)	4282175192 (0xFF3CCED8)
YUV	163.4860, 25.8894, -90.7572
Hunter-Lab	70.6309, -32.0495, -11.3718

Details

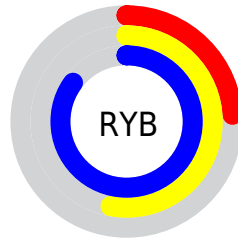
The CIELCh color **76, 37.594, 205.156** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **51, 67.630, 33.938**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 36.444, 197.183**, and **57, 32.811, 206.763** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.420, 205.780**, and if you desaturate by 10%, it is **77, 34.817, 204.728**.

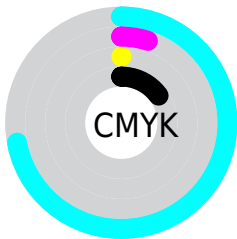
Distribution



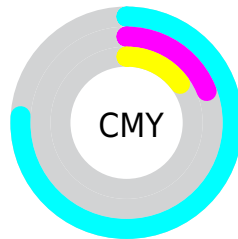
- Red (24%)
- Green (81%)
- Blue (85%)



- Red (24%)
- Yellow (53%)
- Blue (85%)



- Cyan (72%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)





- Cyan (76%)
- Magenta (19%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 37.594, 205.156 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, 37.594, 205.156 by changing the saturation by 10% instead.


 76, 37.594,
205.156


 76, 37.594,
205.156


 100, 37.594,
205.156


 66, 37.594,
205.156


 96, 37.594,
205.156

 56, 37.594,
205.156

 46, 37.594,
205.156

 36, 37.594,
205.156

 26, 37.594,
205.156

 16, 37.594,
205.156

 6, 37.594, 205.156

0, 37.594, 205.156

76, 37.594,
205.156

76, 37.594,
205.156

75, 39.420,
205.780

77, 34.817,
204.728

75, 40.352,
206.621

78, 31.101,
204.479

74, 40.617,
207.433

79, 26.505,
204.384

81, 21.123,
204.422

82, 15.068,
204.574

84, 8.461, 204.835

■ 86, 1.416, 205.483

■ 88, 5.961, 25.326

■ 90, 13.580, 25.781

Harmonies

Complementary

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



76, 37.594, 205.156



51, 67.630, 33.938

Rectangle

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



76, 37.594, 205.156



76, 37.594, 255.156



76, 37.594, 25.156



76, 37.594, 75.156

Sweetspot

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



76, 37.593, 205.155



95, 17.286, 204.569



76, 89.347, 138.948



50, 11.504, 204.517



0, 0.000, 0.000



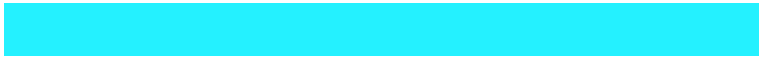
53, 0.007, 296.813

Same Dimension

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



76, 37.593, 205.155



87, 45.371, 206.162



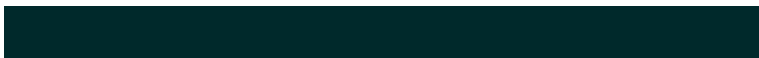
54, 50.538, 277.453



44, 4.024, 204.923



60, 34.183, 207.243



14, 13.583, 205.110

Inverse Universe

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



54, 86.111, 330.023



61, 106.817, 330.580



66, 57.203, 70.767



42, 7.510, 326.729



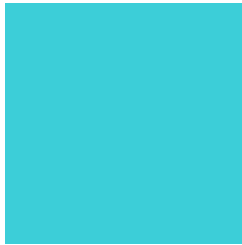
40, 81.410, 330.957



6, 31.444, 330.238

Previews

White Background



This preview shows how the CIELCh color 76, 37.594, 205.156 looks on a white background.

Color Contrast Check

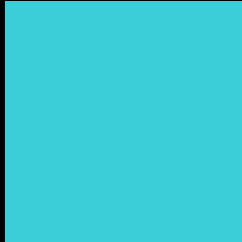
Large Text (above 18pt) WCAG AA × Fail

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, 37.594, 205.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

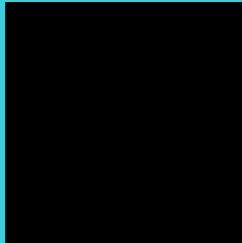
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

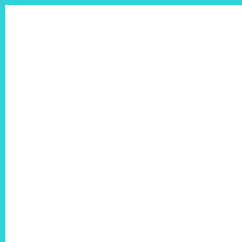
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 37.594, 205.156

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.594, 205.156.

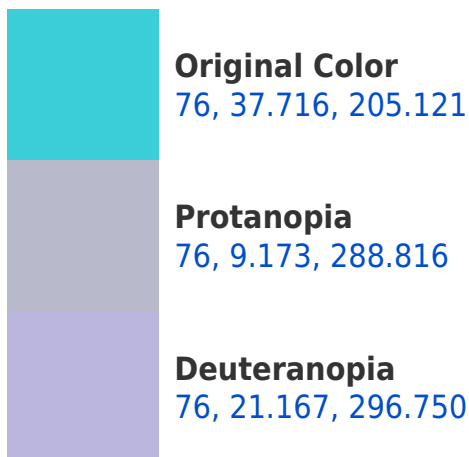


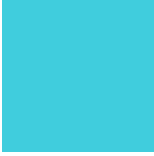
This preview shows how white text looks on a background with the CIELCh color 76, 37.594, 205.156.

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



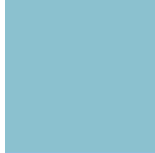


Tritanopia
76, 36.851, 210.637

Trichromacy



Original Color
76, 37.716, 205.121



Protanomaly
75, 18.965, 221.877



Deuteranomaly
75, 21.485, 243.625

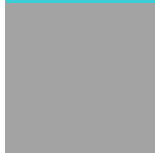


Tritanomaly
76, 37.005, 208.810

Monochromacy



Original Color
76, 37.716, 205.121



Achromatopsia
67, 0.008, 296.813



Achromatomaly
70, 18.016, 203.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.594, 205.156 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(60, 206, 216)` looks like.

```
.text, #text, p{  
    color:rgb(60, 206, 216)  
}
```

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(60, 206, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 206, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.594, 205.156 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(60, 206, 216) }
```

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

```
.border{ border-color:rgb(60, 206, 216) }
```

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

Here you see how a box with a 4 pixel rgb(60, 206, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 206, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 206, 216);  
box-shadow:4px 4px 4px 4px rgb(60, 206,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.594, 205.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 206, 216) }
```

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

```
.background{ background-color: rgb(60, 206,  
216) }
```

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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