

Converting Colors

CIELCh(76, 32.632, 197.046)

Have a look what the booklet for
CIELCh(76, 32.632, 197.046)
contains.

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Color

CIELCh(76, 32.650, 197.053)

Conversions

Conversions Part 1

Format	Color
Hex	5ECCCC
RGB	94, 204, 204
RGB Percent	37%, 80%, 80%
CMY	0.6316, 0.2002, 0.2002
CMYK	0.54, 0.00, 0.00, 0.20
HSL	180°, 52%, 58%
HSV	180°, 54%, 80%
XYZ	37.0775, 49.8872, 64.7610
YIQ	171.1100, -65.5600, -23.3200

Conversions

Conversions Part 2

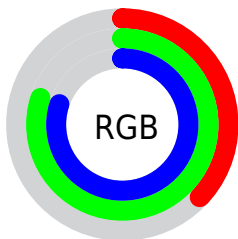
Format	Color
RYB	94, 149, 204
Decimal	6212812
CIELab	76.00, -31.21, -9.57
CIELCh	76, 32.650, 197.053
Yxy	49.8872, 0.2444, 0.3288
Android (android.graphics.Color)	4284402892 (0xFF5ECCCC)
YUV	171.1100, 16.2148, -67.6255
Hunter-Lab	70.6309, -29.9011, -4.9209

Details

The CIELCh color **76, 32.650, 197.053** 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 **54, 48.569, 25.969**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.155, 197.500**, and **56, 32.541, 197.504** is the 20% darker color. If you saturate the color by 10%, you get **75, 36.342, 196.795**, and if you desaturate by 10%, it is **77, 28.078, 197.374**.

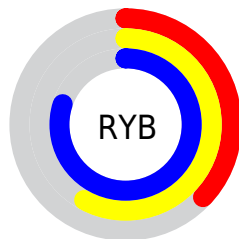
Distribution



Red (37%)

Green (80%)

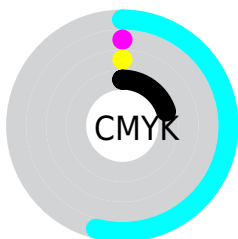
Blue (80%)



Red (37%)

Yellow (58%)

Blue (80%)

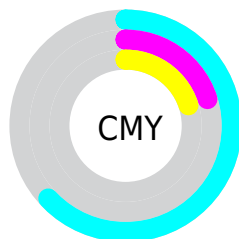


Cyan (54%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (63%)


Magenta (20%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 32.650, 197.053 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, 32.650, 197.053 by changing the saturation by 10% instead.


 76, 32.650,
197.053


 76, 32.650,
197.053


 100, 32.650,
197.053


 66, 32.650,
197.053


 96, 32.650,
197.053

 56, 32.650,
197.053

 46, 32.650,
197.053

 36, 32.650,
197.053

 26, 32.650,
197.053

 16, 32.650,
197.053

 6, 32.650, 197.053

0, 32.650, 197.053

76, 32.650,
197.053

76, 32.650,
197.053

75, 36.342,
196.795

77, 28.078,
197.374

75, 39.114,
196.604

78, 22.706,
197.759

75, 40.976,
196.477

79, 16.641,
198.205

75, 42.000,
196.408

80, 9.998, 198.714

75, 42.349,
196.384

81, 2.897, 199.380

83, 4.550, 19.626

85, 12.245, 20.291

■ 86, 19.294, 20.853

■ 86, 19.294, 20.852

Harmonies

Complementary

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



76, 32.650, 197.053



54, 48.569, 25.969

Rectangle

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



76, 32.650, 197.053



76, 32.650, 247.053



76, 32.650, 17.053



76, 32.650, 67.053

Sweetspot

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



76, 32.650, 197.051



97, 13.668, 198.592



74, 69.501, 139.618



52, 9.170, 198.484



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, 32.650, 197.051



92, 43.718, 196.753



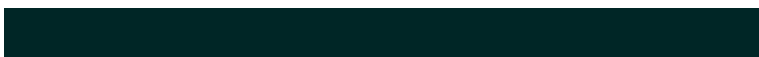
61, 33.206, 264.133



42, 4.119, 198.976



62, 36.301, 196.384



13, 13.514, 196.384

Inverse Universe

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



54, 48.569, 25.969



61, 71.873, 29.122



65, 39.545, 67.019



40, 4.369, 19.924



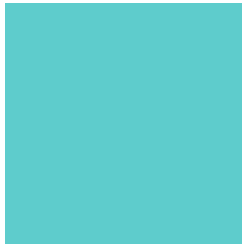
34, 75.553, 39.822



4, 17.910, 19.404

Previews

White Background



This preview shows how the CIELCh color 76, 32.650, 197.053 looks on a white background.

Color Contrast Check

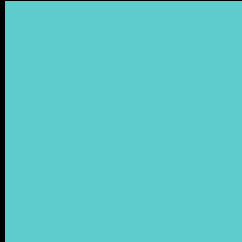
Large Text (above 18pt) WCAG AA × Fail

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, 32.650, 197.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

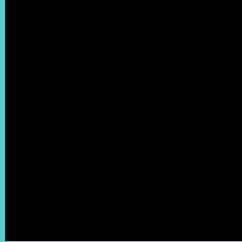
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

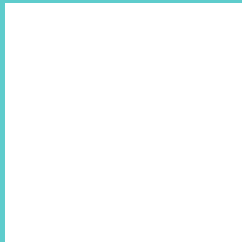
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 32.650, 197.053

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.650, 197.053.

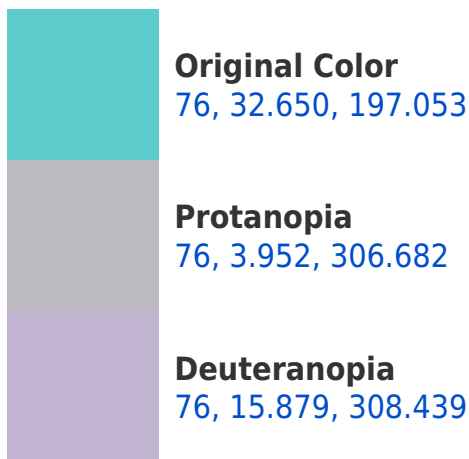


This preview shows how white text looks on a background with the CIELCh color 76, 32.650, 197.053.

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



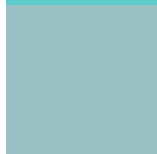


Tritanopia
76, 30.643, 213.886

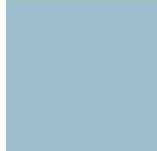
Trichromacy



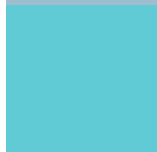
Original Color
76, 32.650, 197.053



Protanomaly
75, 13.268, 207.868



Deuteranomaly
75, 14.075, 242.732

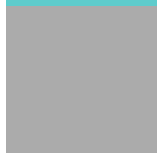


Tritanomaly
76, 31.179, 207.301

Monochromacy



Original Color
76, 32.650, 197.053



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 14.018, 198.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.650, 197.053 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(94, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(94, 204, 204)  
}
```

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(94, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 204, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.650, 197.053 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(94, 204, 204) }
```

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

```
.border{ border-color:rgb(94, 204, 204) }
```

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

Here you see how a box with a 4 pixel rgb(94, 204, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(94, 204,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.650, 197.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 204, 204) }
```

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

```
.background{ background-color: rgb(94, 204,  
204) }
```

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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