

Converting Colors

CIELCh(76, 36.703, 155.741)

Have a look what the booklet for
CIELCh(76, 36.703, 155.741)
contains.

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Color

CIELCh(76, 36.614, 155.572)

Conversions

Conversions Part 1

Format	Color
Hex	7FCB9E
RGB	127, 203, 158
RGB Percent	50%, 80%, 62%
CMY	0.5007, 0.2026, 0.3791
CMYK	0.37, 0.00, 0.22, 0.20
HSL	144°, 42%, 65%
HSV	144°, 37%, 80%
XYZ	36.4352, 49.8872, 40.2008
YIQ	175.1460, -30.8510, -30.1070

Conversions

Conversions Part 2

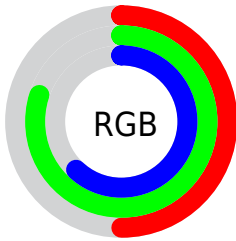
Format	Color
RYB	127, 181, 203
Decimal	8375198
CIELab	76.00, -33.34, 15.14
CIELCh	76, 36.614, 155.572
Yxy	49.8872, 0.2880, 0.3943
Android (android.graphics.Color)	4286565278 (0xFF7FCB9E)
YUV	175.1460, -8.4530, -42.2240
Hunter-Lab	70.6309, -31.5243, 15.6957

Details

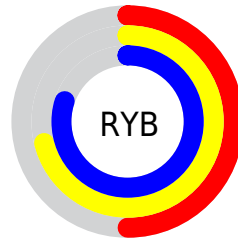
The CIELCh color **76, 36.614, 155.572** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **63, 37.574, 342.214**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.454, 157.267**, and **56, 36.092, 155.894** is the 20% darker color. If you saturate the color by 10%, you get **75, 45.848, 154.335**, and if you desaturate by 10%, it is **77, 27.004, 156.656**.

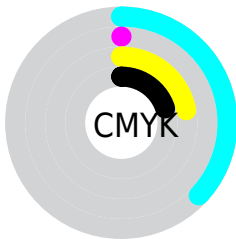
Distribution



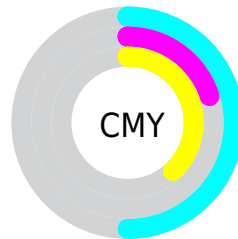
- Red (50%)
- Green (80%)
- Blue (62%)



- Red (50%)
- Yellow (71%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)





- Cyan (50%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 36.614, 155.572 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, 36.614, 155.572 by changing the saturation by 10% instead.


 76, 36.614,
155.572


 76, 36.614,
155.572


 100, 36.614,
155.572


 66, 36.614,
155.572


 96, 36.614,
155.572

 56, 36.614,
155.572

 46, 36.614,
155.572

 36, 36.614,
155.572

 26, 36.614,
155.572

 16, 36.614,
155.572

 6, 36.614, 155.572

■ 0, 36.614, 155.572

■ 76, 36.614,
155.572

■ 76, 36.614,
155.572

■ 75, 45.848,
154.335

■ 77, 27.004,
156.656

■ 74, 54.527,
152.924

■ 79, 17.177,
157.615

■ 73, 62.488,
151.317

■ 80, 7.278, 158.486

■ 73, 69.596,
149.506

■ 82, 2.577, 339.037


■ 72, 75.774,
147.499

■ 84, 12.300,
339.826


■ 72, 81.042,
145.351


■ 86, 21.825,
340.449

■ 87, 27.460,

 72, 82.330,
144.811

333.290

 88, 32.256,
325.728

 88, 32.398,
325.552

Harmonies

Complementary

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



76, 36.614, 155.572



63, 37.574, 342.214

Rectangle

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



76, 36.614, 155.572



76, 36.614, 205.572



76, 36.614, 335.572



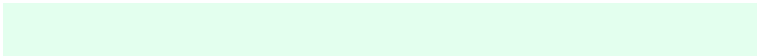
76, 36.614, 25.572

Sweetspot

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



76, 36.615, 155.571



98, 13.051, 158.163



78, 41.557, 123.613



52, 8.772, 158.045



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, 36.615, 155.571



92, 52.461, 154.568



77, 25.512, 188.245



42, 5.612, 158.313



60, 70.189, 145.160



12, 22.954, 151.673

Inverse Universe

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



63, 37.574, 342.214



73, 53.942, 343.111



61, 31.484, 15.347



40, 5.659, 339.670



36, 63.179, 353.283



4, 21.009, 347.642

Previews

White Background



This preview shows how the CIELCh color 76, 36.614, 155.572 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, 36.614, 155.572 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, 36.614, 155.572

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.614, 155.572.

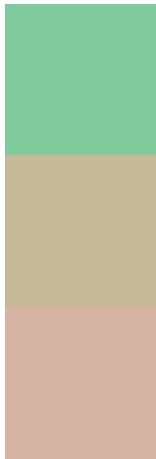


This preview shows how white text looks on a background with the CIELCh color 76, 36.614, 155.572.

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
76, 36.614, 155.572

Protanopia
76, 19.870, 94.312

Deuteranopia
76, 16.045, 54.649



Tritanopia
76, 20.047, 223.842

Trichromacy



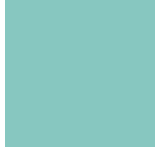
Original Color
76, 36.614, 155.572



Protanomaly
75, 22.285, 128.606



Deuteranomaly
75, 14.671, 117.918



Tritanomaly
76, 22.062, 187.847

Monochromacy



Original Color
76, 36.614, 155.572



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 13.355, 157.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.614, 155.572 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(127, 203, 158)` looks like.

```
.text, #text, p{  
    color:rgb(127, 203, 158)  
}
```

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(127, 203, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 203, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.614, 155.572 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(127, 203, 158) }
```

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

```
.border{ border-color:rgb(127, 203, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 203, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 203, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 203, 158);  
box-shadow:4px 4px 4px 4px rgb(127, 203,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.614, 155.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 203, 158) }
```

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

```
.background{ background-color: rgb(127,  
203, 158) }
```

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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