

Converting Colors

CIELCh(76, 39.216, 154.754)

Have a look what the booklet for
CIELCh(76, 39.216, 154.754)
contains.

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Color

CIELCh(76, 39.302, 154.734)

Conversions

Conversions Part 1

Format	Color
Hex	7BCC9B
RGB	123, 204, 155
RGB Percent	48%, 80%, 61%
CMY	0.5168, 0.1991, 0.3914
CMYK	0.40, 0.00, 0.24, 0.20
HSL	144°, 44%, 64%
HSV	144°, 40%, 80%
XYZ	35.7754, 49.8872, 38.8436
YIQ	174.1950, -32.5470, -32.4110

Conversions

Conversions Part 2

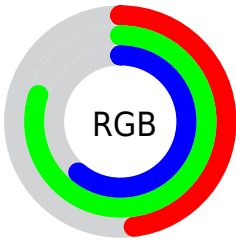
Format	Color
RYB	123, 181, 204
Decimal	8113307
CIELab	76.00, -35.54, 16.77
CIELCh	76, 39.302, 154.734
Yxy	49.8872, 0.2873, 0.4007
Android (android.graphics.Color)	4286303387 (0xFF7BCC9B)
YUV	174.1950, -9.4631, -44.8980
Hunter-Lab	70.6309, -33.1917, 16.8350

Details

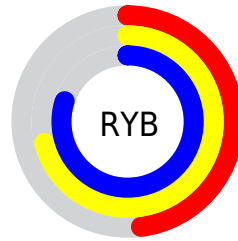
The CIELCh color **76, 39.302, 154.734** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **62, 40.275, 341.795**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 35.507, 156.680**, and **56, 38.995, 154.992** is the 20% darker color. If you saturate the color by 10%, you get **75, 48.565, 153.465**, and if you desaturate by 10%, it is **77, 29.623, 155.845**.

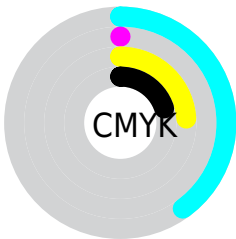
Distribution



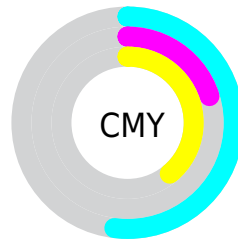
- Red (48%)
- Green (80%)
- Blue (61%)



- Red (48%)
- Yellow (71%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)





- Cyan (52%)
- Magenta (20%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 39.302, 154.734 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, 39.302, 154.734 by changing the saturation by 10% instead.


 76, 39.302,
154.734


 76, 39.302,
154.734


 100, 39.302,
154.734


 66, 39.302,
154.734


 96, 39.302,
154.734

 56, 39.302,
154.734

 46, 39.302,
154.734

 36, 39.302,
154.734

 26, 39.302,
154.734

 16, 39.302,
154.734

 6, 39.302, 154.734

■ 0, 39.302, 154.734

■ 76, 39.302,
154.734

■ 76, 39.302,
154.734

■ 75, 48.565,
153.465

■ 77, 29.623,
155.845

■ 74, 57.229,
152.015

■ 79, 19.693,
156.822

■ 73, 65.131,
150.367

■ 80, 9.665, 157.699

■ 73, 72.143,
148.517

■ 82, 0.338, 337.312

■ 72, 78.198,
146.481

■ 84, 10.220,
339.065


■ 72, 83.377,
144.362


■ 86, 19.911,
339.697

■ 87, 26.571,

 72, 83.542,
144.295

334.137

 88, 31.448,
326.042

 88, 31.846,
325.533

Harmonies

Complementary

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



76, 39.302, 154.734



62, 40.275, 341.795

Rectangle

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



76, 39.302, 154.734



76, 39.302, 204.734



76, 39.302, 334.734



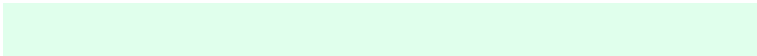
76, 39.302, 24.734

Sweetspot

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



76, 39.303, 154.734



97, 14.377, 157.488



78, 44.004, 122.855



52, 9.539, 157.374



0, 0.000, 0.000



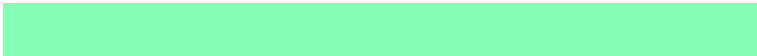
53, 0.007, 296.813

Same Dimension

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



76, 39.303, 154.734



92, 56.297, 153.605



77, 27.164, 186.556



42, 5.665, 157.722



59, 70.983, 144.648



12, 23.167, 151.250

Inverse Universe

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



62, 40.275, 341.795



71, 57.717, 342.781



61, 33.691, 14.468



40, 5.710, 339.063



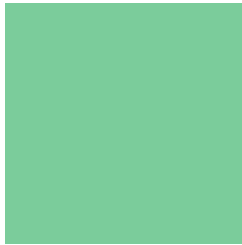
36, 63.538, 352.193



4, 21.188, 346.813

Previews

White Background



This preview shows how the CIELCh color 76, 39.302, 154.734 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, 39.302, 154.734 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, 39.302, 154.734

Background



This preview shows how black text looks on a background with the CIELCh color 76, 39.302, 154.734.

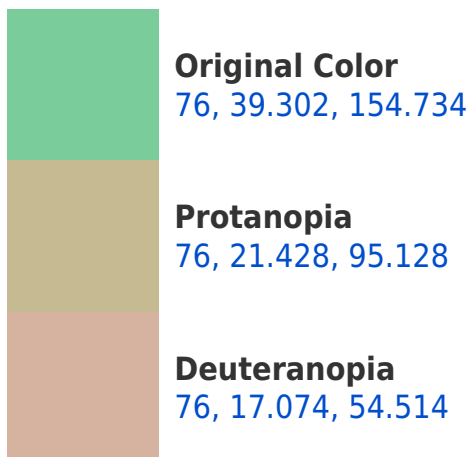


This preview shows how white text looks on a background with the CIELCh color 76, 39.302, 154.734.

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, 20.918, 220.983

Trichromacy



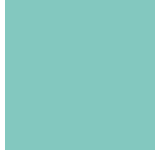
Original Color
76, 39.302, 154.734



Protanomaly
75, 24.535, 128.470



Deuteranomaly
75, 15.793, 118.614



Tritanomaly
76, 23.827, 185.809

Monochromacy



Original Color
76, 39.302, 154.734



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 14.653, 156.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 39.302, 154.734 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(123, 204, 155)` looks like.

```
.text, #text, p{  
    color:rgb(123, 204, 155)  
}
```

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(123, 204, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 204, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 39.302, 154.734 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(123, 204, 155) }
```

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

```
.border{ border-color:rgb(123, 204, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 204, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 204, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 204, 155); box-shadow:4px 4px 4px 4px rgb(123, 204, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 39.302, 154.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 204, 155) }
```

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

```
.background{ background-color: rgb(123,  
204, 155) }
```

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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