

Converting Colors

CIELCh(76, 39.271, 158.737)

Have a look what the booklet for
CIELCh(76, 39.271, 158.737)
contains.

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Color

CIELCh(76, 39.355, 158.758)

Conversions

Conversions Part 1

Format	Color
Hex	75CDA0
RGB	117, 205, 160
RGB Percent	46%, 80%, 63%
CMY	0.5418, 0.1967, 0.3732
CMYK	0.43, 0.00, 0.22, 0.20
HSL	149°, 47%, 63%
HSV	149°, 43%, 80%
XYZ	35.4379, 49.8872, 40.9477
YIQ	173.5580, -38.0030, -32.6510

Conversions

Conversions Part 2

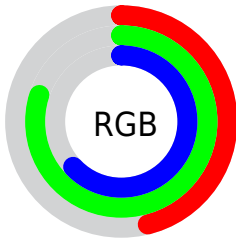
Format	Color
RYB	117, 176, 205
Decimal	7720352
CIELab	76.00, -36.68, 14.26
CIELCh	76, 39.355, 158.758
Yxy	49.8872, 0.2806, 0.3951
Android (android.graphics.Color)	4285910432 (0xFF75CDA0)
YUV	173.5580, -6.6841, -49.6014
Hunter-Lab	70.6309, -34.0448, 15.0687

Details

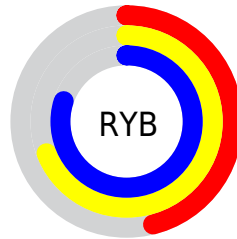
The CIELCh color **76, 39.355, 158.758** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **60, 41.231, 347.339**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.970, 161.227**, and **56, 39.357, 158.506** is the 20% darker color. If you saturate the color by 10%, you get **75, 47.662, 157.395**, and if you desaturate by 10%, it is **77, 30.561, 159.960**.

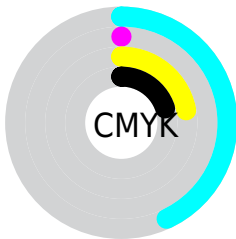
Distribution



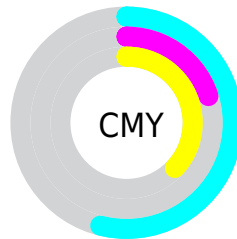
- Red (46%)
- Green (80%)
- Blue (63%)



- Red (46%)
- Yellow (69%)
- Blue (80%)



- Cyan (43%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)





- Cyan (54%)
- Magenta (20%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 39.355, 158.758 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, 39.355, 158.758 by changing the saturation by 10% instead.


 76, 39.355,
158.758

 76, 39.355,
158.758


 100, 39.355,
158.758


 66, 39.355,
158.758


 96, 39.355,
158.758

 56, 39.355,
158.758

 46, 39.355,
158.758

 36, 39.355,
158.758

 26, 39.355,
158.758

 16, 39.355,
158.758

 6, 39.355, 158.758

■ 0, 39.355, 158.758

■ 76, 39.355,
158.758

■ 76, 39.355,
158.758

■ 75, 47.662,
157.395

■ 77, 30.561,
159.960

■ 74, 55.322,
155.848

■ 79, 21.435,
161.029

■ 74, 62.208,
154.098

■ 80, 12.126,
161.992

■ 73, 68.239,
152.135

■ 82, 2.761, 162.958

■ 73, 73.409,
149.974

■ 84, 6.559, 343.520

■ 73, 76.650,
148.411

■ 86, 15.753,
344.262

■ 87, 23.285,

341.942

■ 88, 26.903,
332.755

■ 88, 31.080,
326.005

Harmonies

Complementary

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



76, 39.355, 158.758



60, 41.231, 347.339

Rectangle

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



76, 39.355, 158.758



76, 39.355, 208.758



76, 39.355, 338.758



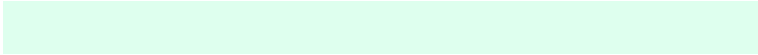
76, 39.355, 28.758

Sweetspot

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



76, 39.356, 158.757



97, 14.530, 161.973



78, 48.799, 126.464



52, 10.166, 161.764



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, 39.356, 158.757



91, 55.936, 157.438



77, 27.827, 195.754



42, 5.288, 162.319



60, 64.980, 148.786



12, 21.528, 154.807

Inverse Universe

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



60, 41.231, 347.339



69, 58.853, 348.714



59, 37.447, 22.567



40, 5.352, 343.777



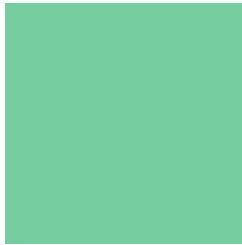
35, 61.558, 0.561



4, 20.035, 352.823

Previews

White Background



This preview shows how the CIELCh color 76, 39.355, 158.758 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, 39.355, 158.758 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, 39.355, 158.758

Background



This preview shows how black text looks on a background with the CIELCh color 76, 39.355, 158.758.

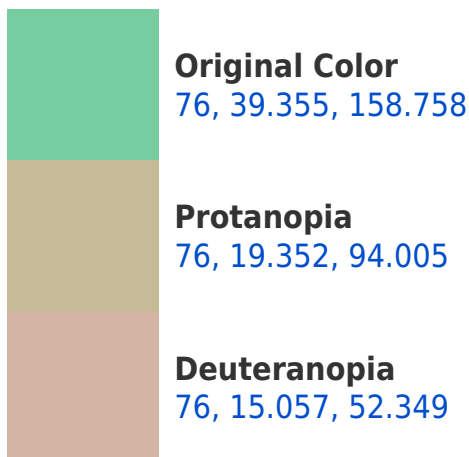


This preview shows how white text looks on a background with the CIELCh color 76, 39.355, 158.758.

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, 22.811, 220.343

Trichromacy



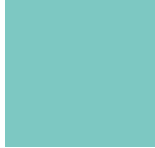
Original Color
76, 39.355, 158.758



Protanomaly
75, 23.035, 132.952



Deuteranomaly
75, 14.720, 127.089



Tritanomaly
76, 25.010, 190.057

Monochromacy



Original Color
76, 39.355, 158.758



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 15.116, 160.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 39.355, 158.758 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(117, 205, 160)` looks like.

```
.text, #text, p{  
    color:rgb(117, 205, 160)  
}
```

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(117, 205, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 205, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 39.355, 158.758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

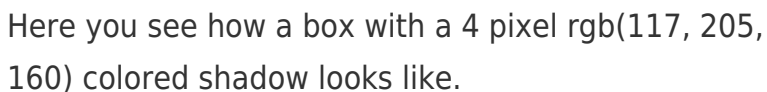
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 205, 160) }
```

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

```
.border{ border-color:rgb(117, 205, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 205, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 205, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 205, 160); box-shadow:4px 4px 4px 4px rgb(117, 205, 160) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 39.355, 158.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 205, 160) }
```

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

```
.background{ background-color: rgb(117,  
205, 160) }
```

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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