

Converting Colors

CIELCh(76, 43.166, 169.545)

Have a look what the booklet for
CIELCh(76, 43.166, 169.545)
contains.

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Color

CIELCh(76, 43.168, 169.584)

Conversions

Conversions Part 1

Format	Color
Hex	57D0AC
RGB	87, 208, 172
RGB Percent	34%, 82%, 67%
CMY	0.6605, 0.1859, 0.3270
CMYK	0.58, 0.00, 0.17, 0.19
HSL	162°, 56%, 58%
HSV	162°, 58%, 81%
XYZ	33.7589, 49.8872, 46.6889
YIQ	167.7170, -60.5600, -36.8480

Conversions

Conversions Part 2

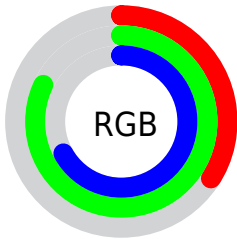
Format	Color
RYB	87, 158, 208
Decimal	5755052
CIELab	76.00, -42.46, 7.80
CIELCh	76, 43.168, 169.584
Yxy	49.8872, 0.2590, 0.3828
Android (android.graphics.Color)	4283945132 (0xFF57D0AC)
YUV	167.7170, 2.1115, -70.7888
Hunter-Lab	70.6309, -38.2879, 10.2493

Details

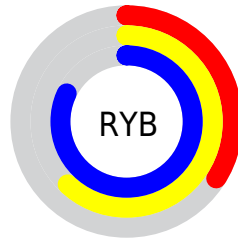
The CIELCh color **76, 43.168, 169.584** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **54, 51.345, 4.767**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.741, 174.455**, and **56, 43.148, 169.591** is the 20% darker color. If you saturate the color by 10%, you get **75, 48.608, 168.028**, and if you desaturate by 10%, it is **77, 36.955, 170.978**.

Distribution



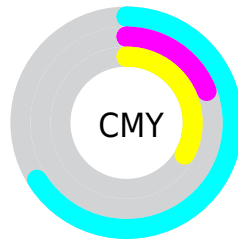
- Red (34%)
- Green (82%)
- Blue (67%)



- Red (34%)
- Yellow (62%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)





- Cyan (66%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 43.168, 169.584 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, 43.168, 169.584 by changing the saturation by 10% instead.


 76, 43.168,
169.584


 76, 43.168,
169.584


 100, 43.168,
169.584


 66, 43.168,
169.584


 96, 43.168,
169.584

 56, 43.168,
169.584

 46, 43.168,
169.584

 36, 43.168,
169.584

 26, 43.168,
169.584

 16, 43.168,
169.584

 6, 43.168, 169.584

■ 0, 43.168, 169.584

■ 76, 43.168,
169.584

■ 76, 43.168,
169.584

■ 75, 48.608,
168.028

■ 77, 36.955,
170.978

■ 75, 53.206,
166.289

■ 78, 30.078,
172.237

■ 74, 56.957,
164.352

■ 79, 22.670,
173.385

■ 74, 59.976,
162.240

■ 80, 14.869,
174.447

■ 74, 60.464,
161.886

■ 82, 6.806, 175.459

■ 84, 1.406, 355.947

■ 85, 9.669, 357.102

■ 87, 17.908,
357.937

■ 88, 19.983,
350.396

Harmonies

Complementary

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



76, 43.168, 169.584



54, 51.345, 4.767

Rectangle

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



76, 43.168, 169.584



76, 43.168, 219.584



76, 43.168, 349.584



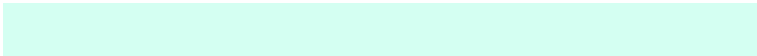
76, 43.168, 39.584

Sweetspot

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



76, 43.169, 169.583



97, 16.340, 174.559



76, 69.736, 132.775



51, 10.904, 174.351



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, 43.169, 169.583



90, 58.213, 167.606



70, 29.882, 224.160



43, 4.675, 175.346



61, 51.437, 162.235



14, 18.285, 167.167

Inverse Universe

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



54, 51.345, 4.767



60, 71.060, 8.419



57, 47.119, 40.372



41, 4.805, 356.981



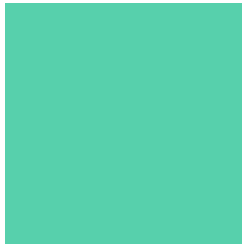
35, 64.171, 20.921



4, 20.485, 5.691

Previews

White Background



This preview shows how the CIELCh color 76, 43.168, 169.584 looks on a white background.

Color Contrast Check

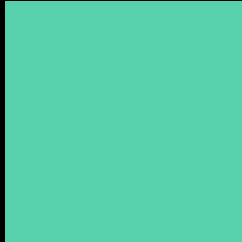
Large Text (above 18pt) WCAG AA × Fail

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, 43.168, 169.584 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

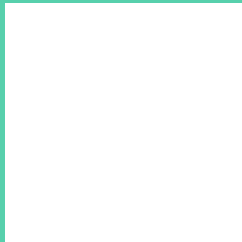
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 43.168, 169.584

Background



This preview shows how black text looks on a background with the CIELCh color 76, 43.168, 169.584.

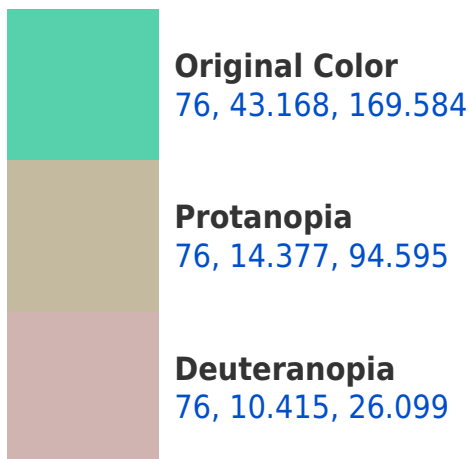


This preview shows how white text looks on a background with the CIELCh color 76, 43.168, 169.584.

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, 29.687, 215.624

Trichromacy



Original Color
76, 43.168, 169.584



Protanomaly
75, 21.605, 149.536



Deuteranomaly
75, 12.574, 161.508

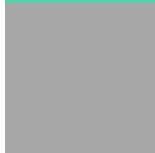


Tritanomaly
76, 32.037, 195.128

Monochromacy



Original Color
76, 43.168, 169.584



Achromatopsia
68, 0.008, 296.813



Achromatomaly
71, 17.496, 173.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 43.168, 169.584 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(87, 208, 172)` looks like.

```
.text, #text, p{  
    color:rgb(87, 208, 172)  
}
```

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(87, 208, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 208, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 43.168, 169.584 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(87, 208, 172) }
```

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

```
.border{ border-color:rgb(87, 208, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 208, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 208, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 208, 172);  
box-shadow:4px 4px 4px 4px rgb(87, 208,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 43.168, 169.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 208, 172) }
```

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

```
.background{ background-color: rgb(87, 208,  
172) }
```

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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