

Converting Colors

CIELCh(76, 44.534, 161.551)

Have a look what the booklet for
CIELCh(76, 44.534, 161.551)
contains.

CIELCh(76, 44.383, 161.593)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 44.383, 161.593)

Conversions

Conversions Part 1

Format	Color
Hex	63CFA0
RGB	99, 207, 160
RGB Percent	39%, 81%, 63%
CMY	0.6113, 0.1877, 0.3721
CMYK	0.52, 0.00, 0.23, 0.19
HSL	154°, 53%, 60%
HSV	154°, 52%, 81%
XYZ	33.8575, 49.8872, 41.1557
YIQ	169.3500, -49.2810, -37.5130

Conversions

Conversions Part 2

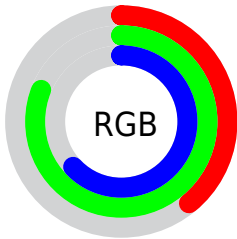
Format	Color
RYB	99, 168, 207
Decimal	6541216
CIELab	76.00, -42.11, 14.01
CIELCh	76, 44.383, 161.593
Yxy	49.8872, 0.2711, 0.3994
Android (android.graphics.Color)	4284731296 (0xFF63CFA0)
YUV	169.3500, -4.6095, -61.6969
Hunter-Lab	70.6309, -38.0387, 14.8941

Details

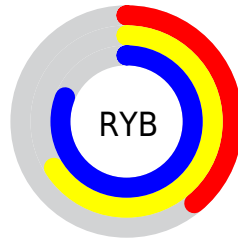
The CIELCh color **76, 44.383, 161.593** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **56, 48.125, 353.526**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 39.112, 165.148**, and **56, 44.672, 161.349** is the 20% darker color. If you saturate the color by 10%, you get **75, 51.503, 160.055**, and if you desaturate by 10%, it is **77, 36.613, 162.956**.

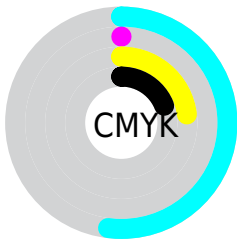
Distribution



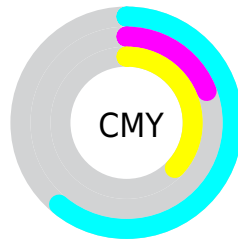
- Red (39%)
- Green (81%)
- Blue (63%)



- Red (39%)
- Yellow (66%)
- Blue (81%)



- Cyan (52%)
- Magenta (0%)
- Yellow (23%)
- Black (19%)



- Cyan (61%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 44.383, 161.593 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, 44.383, 161.593 by changing the saturation by 10% instead.


 76, 44.383,
161.593


 76, 44.383,
161.593


 100, 44.383,
161.593


 66, 44.383,
161.593


 96, 44.383,
161.593

 56, 44.383,
161.593

 46, 44.383,
161.593

 36, 44.383,
161.593

 26, 44.383,
161.593

 16, 44.383,
161.593

 6, 44.383, 161.593

■ 0, 44.383, 161.593

■ 76, 44.383,
161.593

■ 76, 44.383,
161.593

■ 75, 51.503,
160.055

■ 77, 36.613,
162.956

■ 75, 57.853,
158.320

■ 78, 28.335,
164.170

■ 74, 63.364,
156.373

■ 80, 19.700,
165.262

■ 74, 68.041,
154.218

■ 81, 10.851,
166.259

■ 74, 71.270,
152.449

■ 83, 1.909, 167.341

■ 85, 7.023, 347.866

■ 87, 15.866,

348.658

■ 88, 21.631,
343.945

■ 88, 24.603,
335.062

Harmonies

Complementary

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



76, 44.383, 161.593



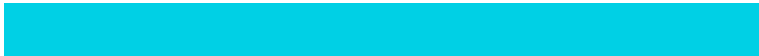
56, 48.125, 353.526

Rectangle

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



76, 44.383, 161.593



76, 44.383, 211.593



76, 44.383, 341.593



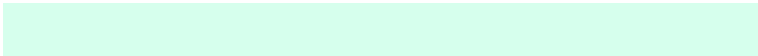
76, 44.383, 31.593

Sweetspot

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



76, 44.384, 161.592



97, 16.907, 165.864



77, 60.199, 128.414



51, 11.404, 165.656



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, 44.384, 161.592



91, 61.511, 159.788



76, 30.626, 202.735



43, 5.112, 166.522



61, 60.639, 152.816



13, 21.015, 158.214

Inverse Universe

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



56, 48.125, 353.526



63, 67.053, 355.862



56, 45.559, 28.688



41, 5.197, 348.073



36, 61.862, 7.863



5, 21.242, 358.012

Previews

White Background



This preview shows how the CIELCh color 76, 44.383, 161.593 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, 44.383, 161.593 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, 44.383, 161.593

Background



This preview shows how black text looks on a background with the CIELCh color 76, 44.383, 161.593.

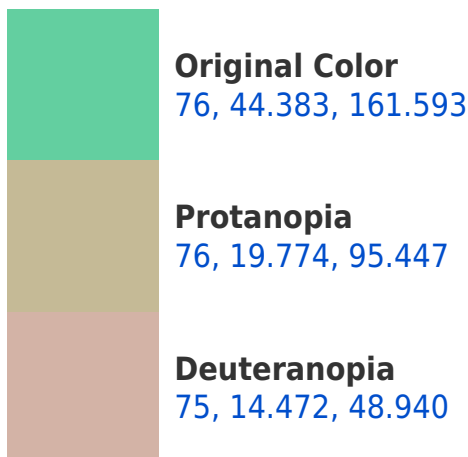


This preview shows how white text looks on a background with the CIELCh color 76, 44.383, 161.593.

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](#).

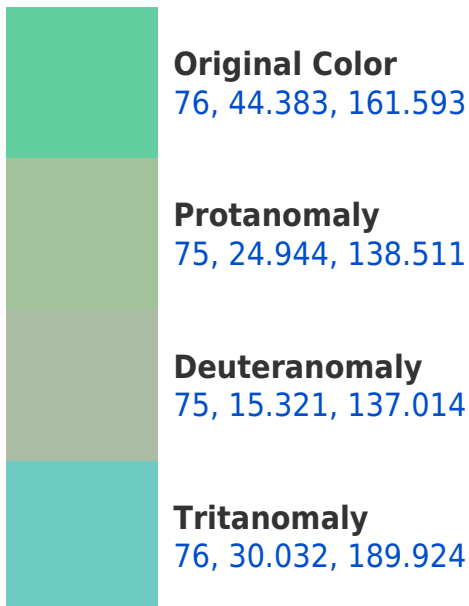
Dichromacy



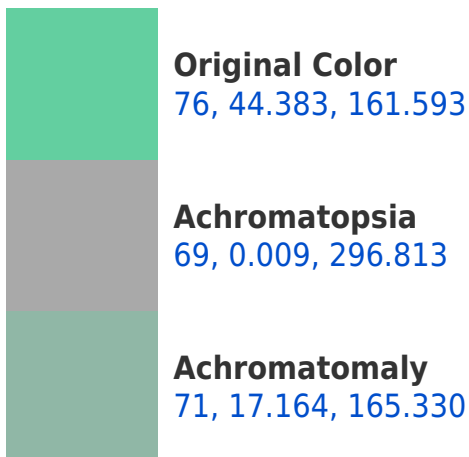


Tritanopia
76, 26.832, 216.571

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 44.383, 161.593 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(99, 207, 160)` looks like.

```
.text, #text, p{  
    color:rgb(99, 207, 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(99, 207, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 207, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 44.383, 161.593 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(99, 207, 160) }
```

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

```
.border{ border-color:rgb(99, 207, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 207, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 207, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 207, 160);  
box-shadow:4px 4px 4px 4px rgb(99, 207,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 44.383, 161.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 207, 160) }
```

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

```
.background{ background-color: rgb(99, 207,  
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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