

Converting Colors

CIELCh(78, 34.208, 171.307)

Have a look what the booklet for
CIELCh(78, 34.208, 171.307)
contains.

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Color

CIELCh(78, 34.448, 171.056)

Conversions

Conversions Part 1

Format	Color
Hex	76D2B6
RGB	118, 210, 182
RGB Percent	46%, 82%, 71%
CMY	0.5380, 0.1772, 0.2870
CMYK	0.44, 0.00, 0.13, 0.18
HSL	162°, 50%, 64%
HSV	162°, 44%, 82%
XYZ	38.8735, 53.2120, 52.3827
YIQ	179.3000, -45.8440, -28.2120

Conversions

Conversions Part 2

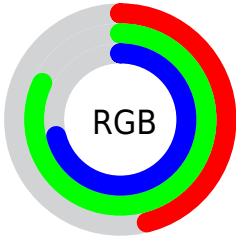
Format	Color
RYB	118, 172, 210
Decimal	7787190
CIELab	78.00, -34.03, 5.36
CIElCh	78, 34.448, 171.056
Yxy	53.2120, 0.2691, 0.3683
Android (android.graphics.Color)	4285977270 (0xFF76D2B6)
YUV	179.3000, 1.3311, -53.7601
Hunter-Lab	72.9466, -32.5332, 8.4866

Details

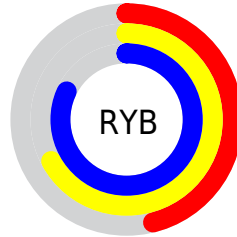
The CIELCh color **78, 34.448, 171.056** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **60, 39.207, 1.171**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.149, 179.467**, and **58, 34.602, 170.958** is the 20% darker color. If you saturate the color by 10%, you get **77, 41.085, 169.715**, and if you desaturate by 10%, it is **79, 27.205, 172.268**.

Distribution



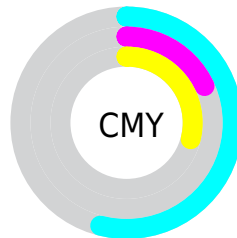
- Red (46%)
- Green (82%)
- Blue (71%)



- Red (46%)
- Yellow (67%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)





- Cyan (54%)
- Magenta (18%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 34.448, 171.056 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 78, 34.448, 171.056 by changing the saturation by 10% instead.


 78, 34.448,
171.056

 78, 34.448,
171.056


 100, 34.448,
171.056


 68, 34.448,
171.056


 98, 34.448,
171.056

 58, 34.448,
171.056

 48, 34.448,
171.056

 38, 34.448,
171.056

 28, 34.448,
171.056

 18, 34.448,
171.056

 8, 34.448, 171.056

■ 0, 34.448, 171.056

■ 78, 34.448,
171.056

■ 78, 34.448,
171.056

■ 77, 41.085,
169.715

■ 79, 27.205,
172.268

■ 76, 46.989,
168.224

■ 80, 19.493,
173.378

■ 76, 52.069,
166.557

■ 82, 11.449,
174.412

■ 75, 56.289,
164.694

■ 83, 3.199, 175.468

■ 75, 59.689,
162.630

■ 85, 5.148, 356.103

■ 87, 13.507,
356.996

■ 75, 61.507,
161.313

■ 88, 18.576,

353.041

■ 89, 20.213,
344.587

■ 89, 22.241,
337.583

Harmonies

Complementary

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



78, 34.448, 171.056



60, 39.207, 1.171

Rectangle

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



78, 34.448, 171.056



78, 34.448, 221.056



78, 34.448, 351.056



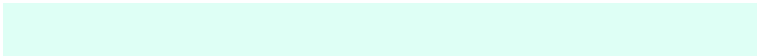
78, 34.448, 41.056

Sweetspot

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



78, 34.449, 171.055



97, 12.600, 174.483



78, 53.712, 133.035



52, 8.798, 174.258



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 34.449, 171.055



92, 47.411, 169.751



74, 24.632, 219.781



43, 4.695, 174.860



61, 51.891, 161.680



14, 18.417, 166.652

Inverse Universe

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



60, 39.207, 1.171



67, 55.448, 3.134



64, 34.137, 38.067



41, 4.822, 356.494



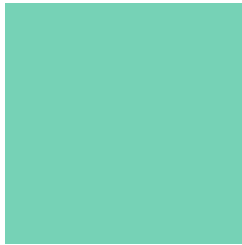
35, 63.964, 20.288



4, 20.511, 5.339

Previews

White Background



This preview shows how the CIELCh color 78, 34.448, 171.056 looks on a white background.

Color Contrast Check

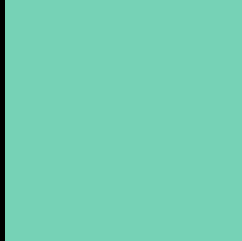
Large Text (above 18pt) WCAG AA × Fail

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 78, 34.448, 171.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

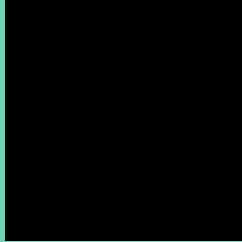
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

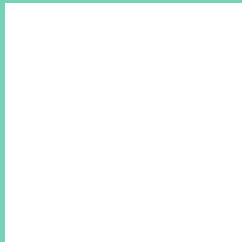
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 34.448, 171.056

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.448, 171.056.

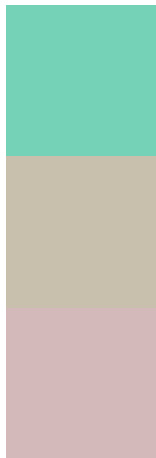


This preview shows how white text looks on a background with the CIELCh color 78, 34.448, 171.056.

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

78, 34.448, 171.056

Protanopia

78, 10.710, 90.312

Deuteranopia

77, 10.273, 14.259



Tritanopia
78, 24.857, 219.548

Trichromacy



Original Color
78, 34.448, 171.056



Protanomaly
77, 15.789, 150.095



Deuteranomaly
77, 7.659, 159.834

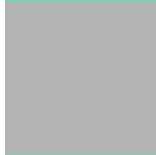


Tritanomaly
78, 26.078, 198.727

Monochromacy



Original Color
78, 34.448, 171.056



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 13.193, 174.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.448, 171.056 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(118, 210, 182)` looks like.

```
.text, #text, p{  
    color:rgb(118, 210, 182)  
}
```

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(118, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 210, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.448, 171.056 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(118, 210, 182) }
```

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

```
.border{ border-color:rgb(118, 210, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(118, 210,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.448, 171.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 210, 182) }
```

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

```
.background{ background-color: rgb(118,  
210, 182) }
```

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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