

Converting Colors

CIELCh(78, 30.157, 168.528)

Have a look what the booklet for
CIELCh(78, 30.157, 168.528)
contains.

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Color

CIELCh(78, 30.157, 168.528)

Conversions

Conversions Part 1

Format	Color
Hex	84D0B5
RGB	132, 208, 181
RGB Percent	52%, 82%, 71%
CMY	0.4832, 0.1852, 0.2911
CMYK	0.37, 0.00, 0.13, 0.19
HSL	159°, 45%, 67%
HSV	159°, 37%, 81%
XYZ	40.2965, 53.2120, 51.7413
YIQ	182.1980, -36.6290, -24.5090

Conversions

Conversions Part 2

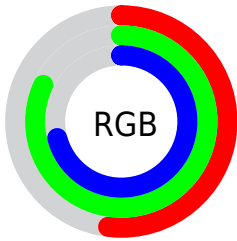
Format	Color
RYB	132, 178, 208
Decimal	8704181
CIELab	78.00, -29.55, 6.00
CIELCh	78, 30.157, 168.528
Yxy	53.2120, 0.2774, 0.3663
Android (android.graphics.Color)	4286894261 (0xFF84D0B5)
YUV	182.1980, -0.5906, -44.0236
Hunter-Lab	72.9466, -29.0511, 9.0079

Details

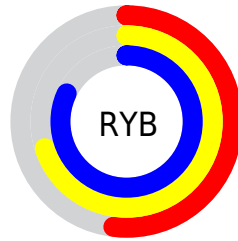
The CIELCh color **78, 30.157, 168.528** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 32.917, 356.386**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.748, 175.859**, and **58, 30.170, 168.523** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.594, 167.256**, and if you desaturate by 10%, it is **79, 22.254, 169.677**.

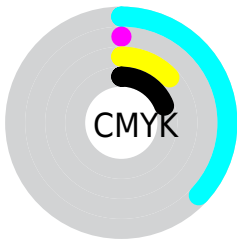
Distribution



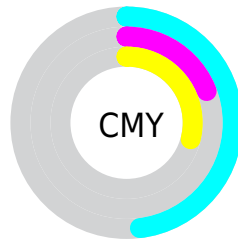
- Red (52%)
- Green (82%)
- Blue (71%)



- Red (52%)
- Yellow (70%)
- Blue (82%)



- Cyan (37%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)





- Cyan (48%)
- Magenta (19%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 30.157, 168.528 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, 30.157, 168.528 by changing the saturation by 10% instead.


 78, 30.157,
168.528

 78, 30.157,
168.528


 100, 30.157,
168.528


 68, 30.157,
168.528


 98, 30.157,
168.528

 58, 30.157,
168.528

 48, 30.157,
168.528

 38, 30.157,
168.528

 28, 30.157,
168.528

 18, 30.157,
168.528

 8, 30.157, 168.528

■ 0, 30.157, 168.528

■ 78, 30.157,
168.528

■ 78, 30.157,
168.528

■ 77, 37.594,
167.256

■ 79, 22.254,
169.677

■ 76, 44.420,
165.839

■ 81, 14.021,
170.732

■ 75, 50.513,
164.251

■ 82, 5.591, 171.740

■ 75, 55.788,
162.470

■ 84, 2.925, 352.383

■ 74, 60.218,
160.480

■ 86, 11.438,
353.332

■ 74, 63.869,
158.295

■ 88, 19.405,
353.364

■ 88, 21.303,

■ 74, 65.033,
157.548

344.048

■ 88, 23.692,
336.491

■ 88, 26.437,
330.472

Harmonies

Complementary

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



78, 30.157, 168.528



64, 32.917, 356.386

Rectangle

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



78, 30.157, 168.528



78, 30.157, 218.528



78, 30.157, 348.528



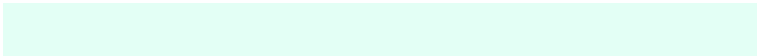
78, 30.157, 38.528

Sweetspot

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



78, 30.158, 168.527



98, 11.025, 171.279



79, 44.023, 131.871



52, 7.403, 171.142



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, 30.158, 168.527



93, 42.142, 167.528



76, 21.716, 212.598



43, 4.845, 171.451



61, 55.245, 157.913



14, 19.401, 163.117

Inverse Universe

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



64, 32.917, 356.386



72, 46.855, 357.663



65, 28.380, 33.207



41, 4.955, 353.068



35, 62.737, 15.557



5, 20.738, 2.654

Previews

White Background



This preview shows how the CIELCh color 78, 30.157, 168.528 looks on a white background.

Color Contrast Check

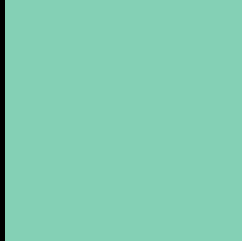
Large Text (above 18pt) WCAG AA × Fail

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, 30.157, 168.528 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, 30.157, 168.528

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.157, 168.528.

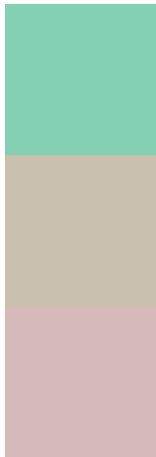


This preview shows how white text looks on a background with the CIELCh color 78, 30.157, 168.528.

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, 30.157, 168.528

Protanopia
78, 10.710, 90.312

Deuteranopia
78, 10.281, 23.148



Tritanopia
78, 21.192, 223.798

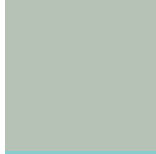
Trichromacy



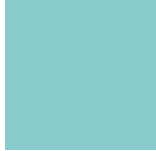
Original Color
78, 30.157, 168.528



Protanomaly
77, 14.420, 143.796



Deuteranomaly
77, 7.201, 144.156

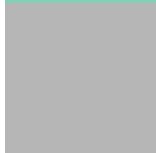


Tritanomaly
78, 21.727, 199.263

Monochromacy



Original Color
78, 30.157, 168.528



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 11.027, 172.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.157, 168.528 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(132, 208, 181)` looks like.

```
.text, #text, p{  
    color:rgb(132, 208, 181)  
}
```

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(132, 208, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 208, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.157, 168.528 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(132, 208, 181) }
```

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

```
.border{ border-color:rgb(132, 208, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 208, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(132, 208,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.157, 168.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 208, 181) }
```

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

```
.background{ background-color: rgb(132,  
208, 181) }
```

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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