

Converting Colors

CIELCh(78, 31.110, 197.200)

Have a look what the booklet for
CIELCh(78, 31.110, 197.200)
contains.

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Color

CIELCh(78, 31.229, 197.192)

Conversions

Conversions Part 1

Format	Color
Hex	6AD1D1
RGB	106, 209, 209
RGB Percent	42%, 82%, 82%
CMY	0.5847, 0.1807, 0.1808
CMYK	0.49, 0.00, 0.00, 0.18
HSL	180°, 53%, 62%
HSV	180°, 49%, 82%
XYZ	40.2067, 53.2120, 68.4129
YIQ	178.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

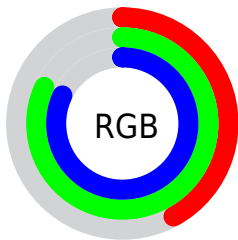
Format	Color
RYB	106, 158, 209
Decimal	7000529
CIELab	78.00, -29.83, -9.23
CIELCh	78, 31.229, 197.192
Yxy	53.2120, 0.2484, 0.3288
Android (android.graphics.Color)	4285190609 (0xFF6AD1D1)
YUV	178.2030, 15.1829, -63.3220
Hunter-Lab	72.9466, -29.2708, -4.5425

Details

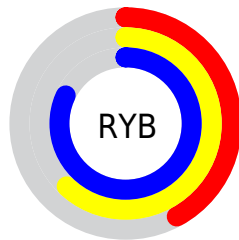
The CIELCh color **78, 31.229, 197.192** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 44.725, 24.984**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.352, 197.670**, and **58, 31.096, 197.732** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.411, 196.903**, and if you desaturate by 10%, it is **79, 26.182, 197.542**.

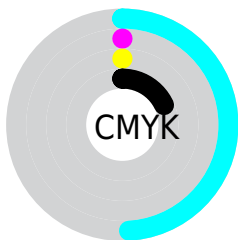
Distribution



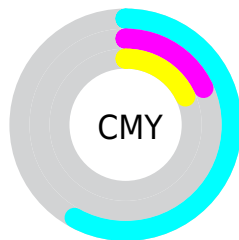
- Red (42%)
- Green (82%)
- Blue (82%)



- Red (42%)
- Yellow (62%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (58%)
- Magenta (18%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 31.229, 197.192 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, 31.229, 197.192 by changing the saturation by 10% instead.


 78, 31.229,
197.192


 78, 31.229,
197.192


 100, 31.229,
197.192


 68, 31.229,
197.192


 98, 31.229,
197.192

 58, 31.229,
197.192

 48, 31.229,
197.192

 38, 31.229,
197.192

 28, 31.229,
197.192

 18, 31.229,
197.192

 8, 31.229, 197.192

0, 31.229, 197.192

78, 31.229,
197.192

78, 31.229,
197.192

77, 35.411,
196.903

79, 26.182,
197.542

77, 38.665,
196.682

80, 20.366,
197.957

76, 40.978,
196.527

81, 13.895,
198.431

76, 42.393,
196.432

82, 6.891, 198.980

76, 43.081,
196.386

84, 0.528, 18.363

76, 43.120,
196.384

86, 8.251, 19.950

87, 16.185, 20.583

■ 88, 17.282, 20.668

■ 88, 17.282, 20.668

Harmonies

Complementary

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



78, 31.229, 197.192



57, 44.725, 24.984

Rectangle

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



78, 31.229, 197.192



78, 31.229, 247.192



78, 31.229, 17.192



78, 31.229, 67.192

Sweetspot

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



78, 31.229, 197.190



97, 12.851, 198.646



76, 65.367, 140.105



52, 8.713, 198.533



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, 31.229, 197.190



92, 41.316, 196.893



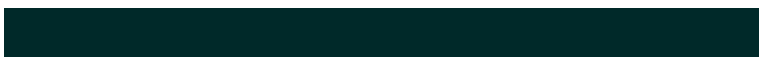
64, 31.112, 262.814



43, 4.203, 198.974



62, 36.713, 196.384



14, 14.039, 196.384

Inverse Universe

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



57, 44.725, 24.984



64, 64.542, 27.404



68, 36.478, 67.582



41, 4.460, 19.926



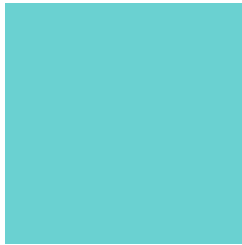
35, 76.454, 39.863



4, 20.018, 19.466

Previews

White Background



This preview shows how the CIELCh color 78, 31.229, 197.192 looks on a white background.

Color Contrast Check

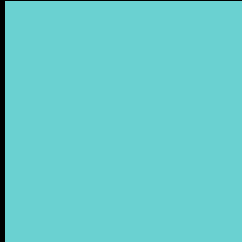
Large Text (above 18pt) WCAG AA × Fail

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, 31.229, 197.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

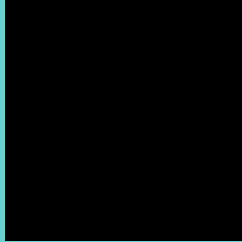
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

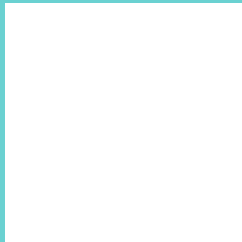
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 31.229, 197.192

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.229, 197.192.

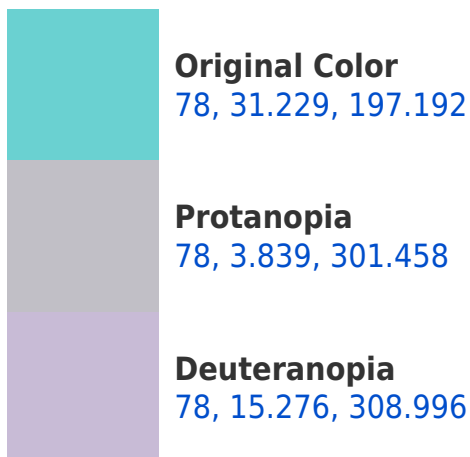


This preview shows how white text looks on a background with the CIELCh color 78, 31.229, 197.192.

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
78, 29.284, 214.704

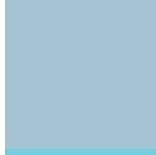
Trichromacy



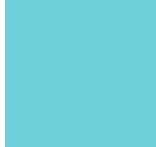
Original Color
78, 31.229, 197.192



Protanomaly
77, 12.900, 208.129



Deuteranomaly
77, 13.217, 242.741

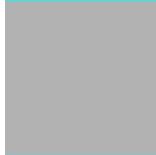


Tritanomaly
78, 29.788, 207.848

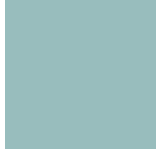
Monochromacy



Original Color
78, 31.229, 197.192



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 12.982, 198.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.229, 197.192 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(106, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(106, 209, 209)  
}
```

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(106, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 209, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.229, 197.192 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(106, 209, 209) }
```

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

```
.border{ border-color:rgb(106, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(106, 209,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.229, 197.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 209, 209) }
```

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

```
.background{ background-color: rgb(106,  
209, 209) }
```

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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