

Converting Colors

CIELCh(78, 31.639, 192.148)

Have a look what the booklet for
CIELCh(78, 31.639, 192.148)
contains.

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Color

CIELCh(78, 31.619, 192.234)

Conversions

Conversions Part 1

Format	Color
Hex	6BD1CC
RGB	107, 209, 204
RGB Percent	42%, 82%, 80%
CMY	0.5795, 0.1796, 0.1992
CMYK	0.49, 0.00, 0.02, 0.18
HSL	177°, 53%, 62%
HSV	177°, 49%, 82%
XYZ	39.8647, 53.2120, 65.4259
YIQ	177.9320, -59.1870, -23.1790

Conversions

Conversions Part 2

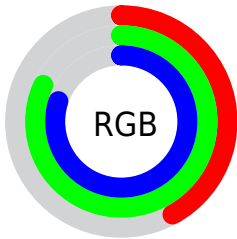
Format	Color
RYB	107, 159, 209
Decimal	7066060
CIELab	78.00, -30.90, -6.70
CIElCh	78, 31.619, 192.234
Yxy	53.2120, 0.2515, 0.3357
Android (android.graphics.Color)	4285256140 (0xFF6BD1CC)
YUV	177.9320, 12.8515, -62.2074
Hunter-Lab	72.9466, -30.1077, -2.1147

Details

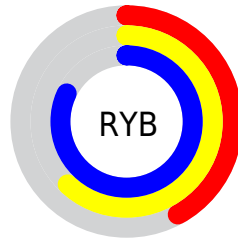
The CIELCh color **78, 31.619, 192.234** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 43.569, 21.315**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.089, 197.686**, and **58, 31.585, 192.416** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.079, 191.631**, and if you desaturate by 10%, it is **79, 26.323, 192.845**.

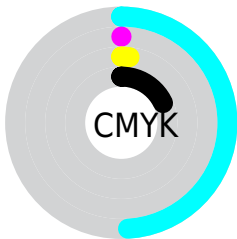
Distribution



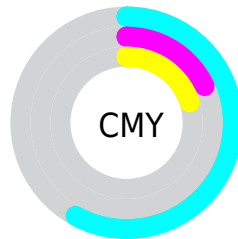
- Red (42%)
- Green (82%)
- Blue (80%)



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



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)





- Cyan (58%)
- Magenta (18%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 31.619, 192.234 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, 31.619, 192.234 by changing the saturation by 10% instead.


 78, 31.619,
192.234


 78, 31.619,
192.234


 100, 31.619,
192.234


 68, 31.619,
192.234


 98, 31.619,
192.234


 58, 31.619,
192.234

 48, 31.619,
192.234

 38, 31.619,
192.234

 28, 31.619,
192.234

 18, 31.619,
192.234

 8, 31.619, 192.234

0, 31.619, 192.234

78, 31.619,
192.234

78, 31.619,
192.234

77, 36.079,
191.631

79, 26.323,
192.845

77, 39.629,
191.035

80, 20.295,
193.476

76, 42.239,
190.432

81, 13.658,
194.129

76, 43.941,
189.810

83, 6.535, 194.830

76, 44.883,
189.160

84, 0.954, 14.820

76, 44.982,
189.079

86, 8.702, 16.024

88, 16.618, 16.739

■ 88, 17.136, 15.124

■ 88, 17.163, 13.355

Harmonies

Complementary

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



78, 31.619, 192.234



57, 43.569, 21.315

Rectangle

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



78, 31.619, 192.234



78, 31.619, 242.234



78, 31.619, 12.234



78, 31.619, 62.234

Sweetspot

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



78, 31.619, 192.232



97, 12.953, 194.372



76, 64.160, 139.477



52, 8.788, 194.227



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, 31.619, 192.232



92, 42.312, 191.576



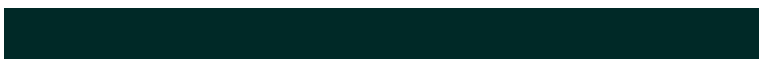
65, 29.663, 258.663



43, 4.229, 194.780



62, 38.229, 189.185



14, 14.491, 190.535

Inverse Universe

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



57, 43.569, 21.315



64, 63.271, 23.965



68, 35.839, 64.272



41, 4.463, 15.955



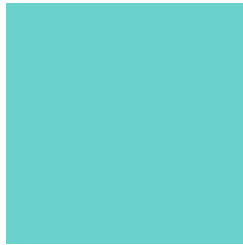
35, 74.437, 37.841



4, 20.022, 17.178

Previews

White Background



This preview shows how the CIELCh color 78, 31.619, 192.234 looks on a white background.

Color Contrast Check

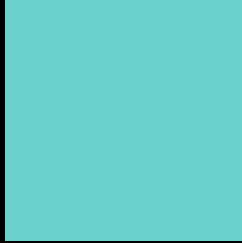
Large Text (above 18pt) WCAG AA × Fail

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, 31.619, 192.234 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

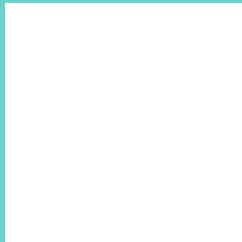
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 31.619, 192.234

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.619, 192.234.

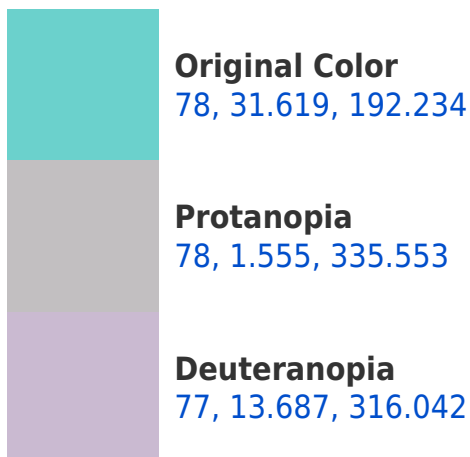


This preview shows how white text looks on a background with the CIELCh color 78, 31.619, 192.234.

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, 28.702, 216.265

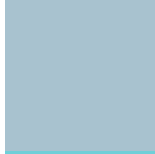
Trichromacy



Original Color
78, 31.619, 192.234



Protanomaly
77, 12.629, 196.038



Deuteranomaly
77, 11.204, 237.605

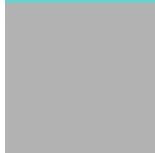


Tritanomaly
78, 29.126, 207.040

Monochromacy



Original Color
78, 31.619, 192.234



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 13.039, 196.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.619, 192.234 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(107, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(107, 209, 204)  
}
```

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(107, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 209, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.619, 192.234 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(107, 209, 204) }
```

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

```
.border{ border-color:rgb(107, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(107, 209,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.619, 192.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 209, 204) }
```

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

```
.background{ background-color: rgb(107,  
209, 204) }
```

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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