

Converting Colors

CIELCh(78, 31.843, 201.332)

Have a look what the booklet for
CIELCh(78, 31.843, 201.332)
contains.

CIELCh(78, 31.956, 201.058)	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(78, 31.956, 201.058)

Conversions

Conversions Part 1

Format	Color
Hex	65D1D5
RGB	101, 209, 213
RGB Percent	40%, 82%, 84%
CMY	0.6036, 0.1801, 0.1644
CMYK	0.53, 0.02, 0.00, 0.16
HSL	182°, 57%, 62%
HSV	182°, 53%, 84%
XYZ	40.2105, 53.2120, 71.1464
YIQ	177.1640, -65.6520, -21.6520

Conversions

Conversions Part 2

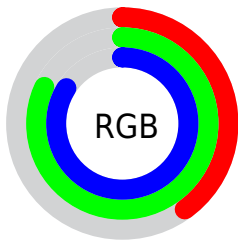
Format	Color
RYB	101, 156, 213
Decimal	6672853
CIELab	78.00, -29.82, -11.48
CIELCh	78, 31.956, 201.058
Yxy	53.2120, 0.2443, 0.3233
Android (android.graphics.Color)	4284862933 (0xFF65D1D5)
YUV	177.1640, 17.6671, -66.7958
Hunter-Lab	72.9466, -29.2615, -6.7642

Details

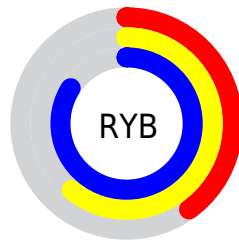
The CIELCh color **78, 31.956, 201.058** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 47.578, 27.865**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.391, 197.607**, and **58, 31.996, 200.756** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.709, 201.066**, and if you desaturate by 10%, it is **79, 27.312, 201.159**.

Distribution



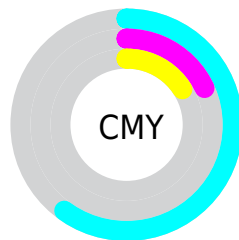
- Red (40%)
- Green (82%)
- Blue (84%)



- Red (40%)
- Yellow (61%)
- Blue (84%)



- Cyan (53%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)





- Cyan (60%)
- Magenta (18%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 31.956, 201.058 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, 31.956, 201.058 by changing the saturation by 10% instead.


 78, 31.956,
201.058


 78, 31.956,
201.058


 100, 31.956,
201.058


 68, 31.956,
201.058


 98, 31.956,
201.058

 58, 31.956,
201.058

 48, 31.956,
201.058

 38, 31.956,
201.058

 28, 31.956,
201.058

 18, 31.956,
201.058

 8, 31.956, 201.058

0, 31.956, 201.058

78, 31.956,
201.058

78, 31.956,
201.058

77, 35.709,
201.066

79, 27.312,
201.159

76, 38.517,
201.199

80, 21.868,
201.361

76, 40.377,
201.464

82, 15.736,
201.653

75, 41.352,
201.868

83, 9.037, 202.032

75, 41.657,
202.239

85, 1.888, 202.685

87, 5.601, 22.727

89, 13.334, 23.276

■ 89, 14.895, 24.582

■ 89, 14.650, 26.158

Harmonies

Complementary

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



78, 31.956, 201.058



57, 47.578, 27.865

Rectangle

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



78, 31.956, 201.058



78, 31.956, 251.058



78, 31.956, 21.058



78, 31.956, 71.058

Sweetspot

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



78, 31.956, 201.056



97, 13.180, 201.884



77, 69.196, 140.903



51, 8.842, 201.805



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, 31.956, 201.056



91, 41.295, 201.074



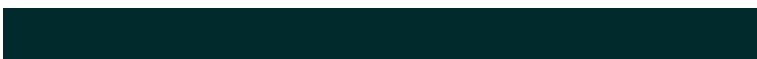
62, 35.831, 269.244



44, 4.136, 202.175



61, 35.361, 202.146



15, 13.985, 201.048

Inverse Universe

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



60, 68.567, 328.221



67, 91.637, 328.702



70, 40.369, 72.075



42, 7.660, 325.910



40, 83.258, 329.694



6, 32.112, 329.224

Previews

White Background



This preview shows how the CIELCh color 78, 31.956, 201.058 looks on a white background.

Color Contrast Check

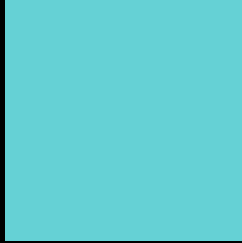
Large Text (above 18pt) WCAG AA × Fail

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, 31.956, 201.058 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, 31.956, 201.058

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.956, 201.058.

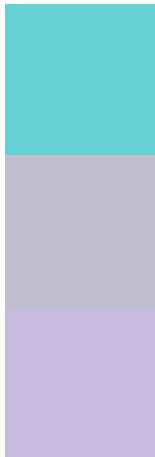


This preview shows how white text looks on a background with the CIELCh color 78, 31.956, 201.058.

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, 31.956, 201.058

Protanopia
77, 6.495, 297.143

Deuteranopia
78, 17.152, 304.637



Tritanopia
78, 30.573, 214.958

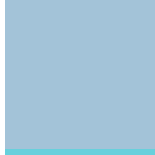
Trichromacy



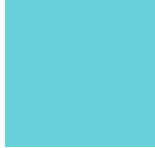
Original Color
78, 31.956, 201.058



Protanomaly
77, 13.687, 219.316



Deuteranomaly
77, 15.288, 246.631

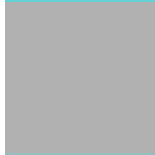


Tritanomaly
78, 30.843, 209.496

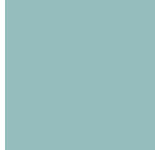
Monochromacy



Original Color
78, 31.956, 201.058



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 13.924, 200.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.956, 201.058 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(101, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(101, 209, 213)  
}
```

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(101, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 209, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.956, 201.058 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(101, 209, 213) }
```

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

```
.border{ border-color:rgb(101, 209, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(101, 209,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.956, 201.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 209, 213) }
```

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

```
.background{ background-color: rgb(101,  
209, 213) }
```

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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