

Converting Colors

CIELCh(78, 29.950, 203.506)

Have a look what the booklet for
CIELCh(78, 29.950, 203.506)
contains.

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Color

CIELCh(78, 29.888, 203.565)

Conversions

Conversions Part 1

Format	Color
Hex	6DD0D6
RGB	109, 208, 214
RGB Percent	43%, 82%, 84%
CMY	0.5726, 0.1843, 0.1608
CMYK	0.49, 0.03, 0.00, 0.16
HSL	183°, 56%, 63%
HSV	183°, 49%, 84%
XYZ	40.9953, 53.2120, 71.7219
YIQ	179.0830, -60.9300, -19.1220

Conversions

Conversions Part 2

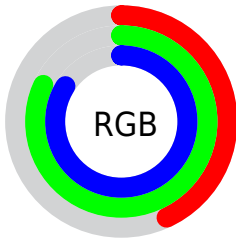
Format	Color
RYB	109, 160, 214
Decimal	7196886
CIELab	78.00, -27.40, -11.95
CIElCh	78, 29.888, 203.565
Yxy	53.2120, 0.2471, 0.3207
Android (android.graphics.Color)	4285386966 (0xFF6DD0D6)
YUV	179.0830, 17.2141, -61.4628
Hunter-Lab	72.9466, -27.3410, -7.2320

Details

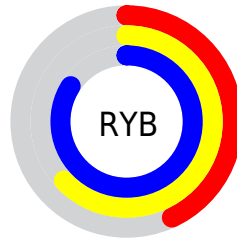
The CIELCh color **78, 29.888, 203.565** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 43.365, 28.658**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.559, 197.719**, and **58, 29.847, 203.470** is the 20% darker color. If you saturate the color by 10%, you get **77, 33.874, 203.704**, and if you desaturate by 10%, it is **79, 25.047, 203.560**.

Distribution



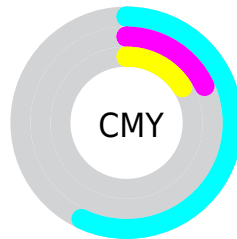
- Red (43%)
- Green (82%)
- Blue (84%)



- Red (43%)
- Yellow (63%)
- Blue (84%)



- Cyan (49%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)





- Cyan (57%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 29.888, 203.565 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, 29.888, 203.565 by changing the saturation by 10% instead.


 78, 29.888,
203.565

 78, 29.888,
203.565


 100, 29.888,
203.565


 68, 29.888,
203.565


 98, 29.888,
203.565

 58, 29.888,
203.565

 48, 29.888,
203.565

 38, 29.888,
203.565

 28, 29.888,
203.565

 18, 29.888,
203.565

 8, 29.888, 203.565

■ 0, 29.888, 203.565

■ 78, 29.888,
203.565

■ 78, 29.888,
203.565

■ 77, 33.874,
203.704

■ 79, 25.047,
203.560

■ 76, 36.936,
204.001

■ 81, 19.453,
203.675

■ 75, 39.047,
204.474

■ 82, 13.222,
203.894

■ 75, 40.244,
205.139

■ 84, 6.472, 204.225

■ 74, 40.686,
205.986

■ 86, 0.684, 23.626

■ 74, 40.715,
206.069

■ 88, 8.143, 24.806

■ 90, 14.377, 25.652

■ 90, 14.003, 28.335

■ 90, 13.662, 31.160

Harmonies

Complementary

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



78, 29.888, 203.565



60, 43.365, 28.658

Rectangle

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



78, 29.888, 203.565



78, 29.888, 253.565



78, 29.888, 23.565



78, 29.888, 73.565

Sweetspot

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



78, 29.888, 203.563



97, 12.139, 204.008



78, 64.531, 141.738



51, 8.228, 203.944



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, 29.888, 203.563



90, 38.876, 203.715



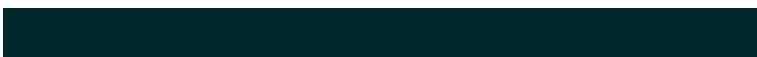
63, 34.359, 269.943



44, 4.051, 204.210



60, 34.460, 205.908



14, 13.680, 204.051

Inverse Universe

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



61, 63.852, 328.721



68, 85.911, 329.231



72, 37.841, 74.160



42, 7.548, 326.518



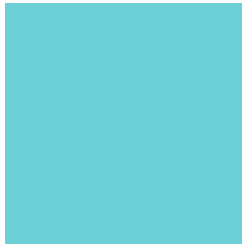
40, 81.876, 330.628



6, 31.613, 329.975

Previews

White Background



This preview shows how the CIELCh color 78, 29.888, 203.565 looks on a white background.

Color Contrast Check

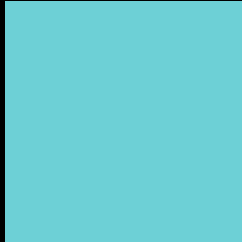
Large Text (above 18pt) WCAG AA × Fail

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, 29.888, 203.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

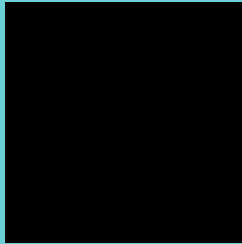
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 29.888, 203.565

Background



This preview shows how black text looks on a background with the CIELCh color 78, 29.888, 203.565.

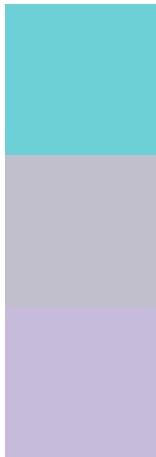


This preview shows how white text looks on a background with the CIELCh color 78, 29.888, 203.565.

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, 29.888, 203.565

Protanopia
78, 6.454, 293.967

Deuteranopia
78, 17.674, 304.266



Tritanopia
78, 29.072, 214.847

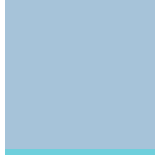
Trichromacy



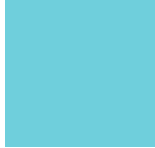
Original Color
78, 29.888, 203.565



Protanomaly
77, 12.961, 223.198



Deuteranomaly
77, 15.050, 250.883

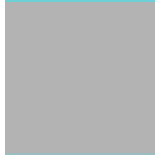


Tritanomaly
78, 29.158, 211.429

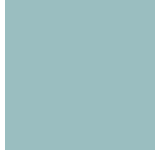
Monochromacy



Original Color
78, 29.888, 203.565



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 12.598, 203.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 29.888, 203.565 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(109, 208, 214)` looks like.

```
.text, #text, p{  
    color:rgb(109, 208, 214)  
}
```

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(109, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 208, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 29.888, 203.565 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(109, 208, 214) }
```

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

```
.border{ border-color:rgb(109, 208, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 208, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 208, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 208, 214); box-shadow:4px 4px 4px 4px rgb(109, 208, 214) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 29.888, 203.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 208, 214) }
```

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

```
.background{ background-color: rgb(109,  
208, 214) }
```

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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