

Converting Colors

CIELCh(78, 41.527, 206.922)

Have a look what the booklet for
CIELCh(78, 41.527, 206.922)
contains.

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Color

CIELCh(78, 41.610, 206.406)

Conversions

Conversions Part 1

Format	Color
Hex	19D5E2
RGB	25, 213, 226
RGB Percent	10%, 84%, 89%
CMY	0.9035, 0.1652, 0.1142
CMYK	0.89, 0.06, 0.00, 0.11
HSL	184°, 80%, 49%
HSV	184°, 89%, 89%
XYZ	37.8644, 53.2120, 80.1377
YIQ	158.2700, -116.2210, -35.8130

Conversions

Conversions Part 2

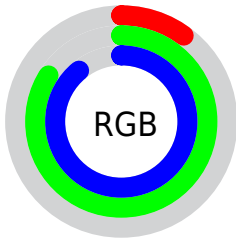
Format	Color
RYB	25, 122, 226
Decimal	1693154
CIELab	78.00, -37.27, -18.51
CIELCh	78, 41.610, 206.406
Yxy	53.2120, 0.2212, 0.3108
Android (android.graphics.Color)	4279883234 (0xFF19D5E2)
YUV	158.2700, 33.3909, -116.8778
Hunter-Lab	72.9466, -35.0024, -14.0723

Details

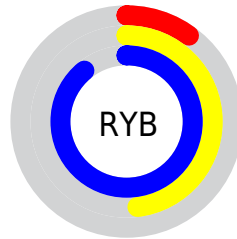
The CIELCh color **78, 41.610, 206.406** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **49, 87.433, 38.543**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.257, 197.016**, and **59, 33.799, 209.409** is the 20% darker color. If you saturate the color by 10%, you get **77, 42.020, 207.400**, and if you desaturate by 10%, it is **79, 40.409, 205.617**.

Distribution



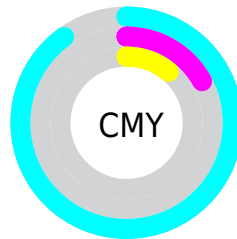
- Red (10%)
- Green (84%)
- Blue (89%)



- Red (10%)
- Yellow (48%)
- Blue (89%)



- Cyan (89%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)




- Cyan (90%)
- Magenta (17%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 41.610, 206.406 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, 41.610, 206.406 by changing the saturation by 10% instead.


 78, 41.610,
206.406


 78, 41.610,
206.406


 100, 41.610,
206.406


 68, 41.610,
206.406


 98, 41.610,
206.406

 58, 41.610,
206.406

 48, 41.610,
206.406

 38, 41.610,
206.406

 28, 41.610,
206.406

 18, 41.610,
206.406

 8, 41.610, 206.406

■ 0, 41.610, 206.406

■ 78, 41.610,
206.406

■ 78, 41.610,
206.406

■ 77, 42.020,
207.400

■ 79, 40.409,
205.617

■ 77, 42.044,
207.494

■ 79, 38.255,
205.043

■ 80, 35.108,
204.663

■ 82, 30.996,
204.456

■ 83, 25.991,
204.398

■ 84, 20.199,
204.469

■ 86, 13.741,
204.650

■ 88, 6.742, 204.949

■ 90, 0.681, 24.283

Harmonies

Complementary

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



78, 41.610, 206.406



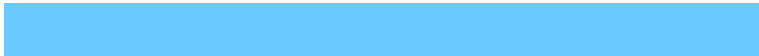
49, 87.433, 38.543

Rectangle

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



78, 41.610, 206.406



78, 41.610, 256.406



78, 41.610, 26.406



78, 41.610, 76.406

Sweetspot

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



78, 41.609, 206.405



94, 20.830, 204.495



79, 104.755, 137.048



50, 13.848, 204.450



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, 41.609, 206.405



86, 46.058, 207.575



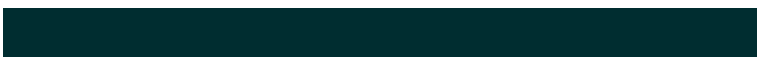
49, 65.244, 284.551



46, 4.179, 204.936



62, 34.924, 207.295



16, 14.516, 205.381

Inverse Universe

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



54, 98.267, 330.671



59, 109.748, 331.039



65, 71.726, 67.353



44, 7.803, 326.736



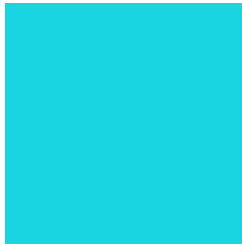
41, 83.183, 330.970



8, 34.404, 330.487

Previews

White Background



This preview shows how the CIE LCh color 78, 41.610, 206.406 looks on a white background.

Color Contrast Check

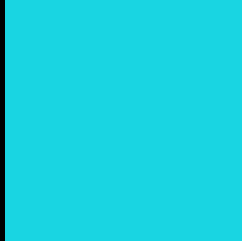
Large Text (above 18pt) WCAG AA × Fail

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, 41.610, 206.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

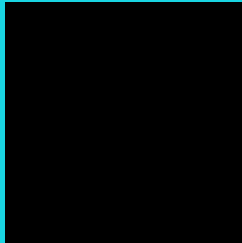
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 41.610, 206.406

Background



This preview shows how black text looks on a background with the CIELCh color 78, 41.610, 206.406.

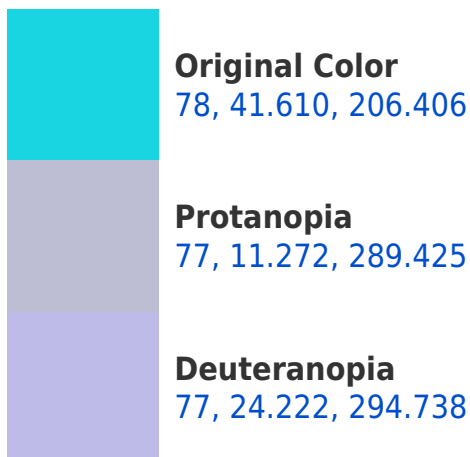


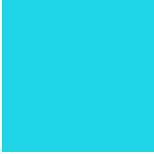
This preview shows how white text looks on a background with the CIELCh color 78, 41.610, 206.406.

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



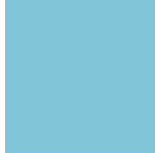


Tritanopia
78, 40.949, 210.554

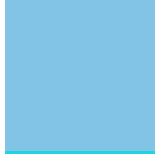
Trichromacy



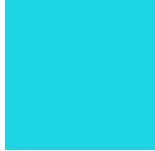
Original Color
78, 41.610, 206.406



Protanomaly
76, 23.326, 222.738



Deuteranomaly
76, 26.423, 242.570

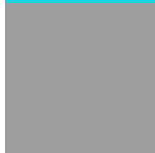


Tritanomaly
78, 41.082, 209.708

Monochromacy



Original Color
78, 41.610, 206.406



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 22.502, 204.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 41.610, 206.406 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(25, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(25, 213, 226)  
}
```

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(25, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 213, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 41.610, 206.406 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(25, 213, 226) }
```

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

```
.border{ border-color:rgb(25, 213, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 213, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(25, 213,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 41.610, 206.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 213, 226) }
```

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

```
.background{ background-color: rgb(25, 213,  
226) }
```

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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