

Converting Colors

CIELCh(78, 43.407, 192.489)

Have a look what the booklet for
CIELCh(78, 43.407, 192.489)
contains.

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Color

CIELCh(78, 43.254, 192.810)

Conversions

Conversions Part 1

Format	Color
Hex	24D6D1
RGB	36, 214, 209
RGB Percent	14%, 84%, 82%
CMY	0.8602, 0.1597, 0.1794
CMYK	0.83, 0.00, 0.02, 0.16
HSL	178°, 71%, 49%
HSV	178°, 83%, 84%
XYZ	36.3689, 53.2120, 68.8448
YIQ	160.2080, -104.4830, -39.2910

Conversions

Conversions Part 2

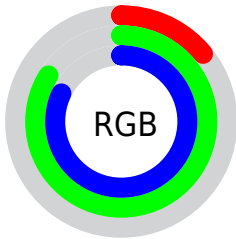
Format	Color
R _Y B	36, 126, 214
Decimal	2414289
CIE Lab	78.00, -42.18, -9.59
CIE LCh	78, 43.254, 192.810
Yxy	53.2120, 0.2296, 0.3359
Android (android.graphics.Color)	4280604369 (0xFF24D6D1)
YUV	160.2080, 24.0545, -108.9304
Hunter-Lab	72.9466, -38.6619, -4.8936

Details

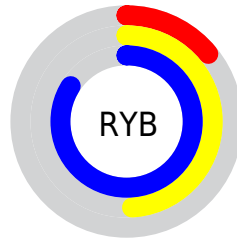
The CIELCh color **78, 43.254, 192.810** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **47, 79.252, 33.620**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.875, 197.039**, and **59, 35.544, 193.547** is the 20% darker color. If you saturate the color by 10%, you get **78, 44.468, 192.403**, and if you desaturate by 10%, it is **78, 41.154, 193.223**.

Distribution



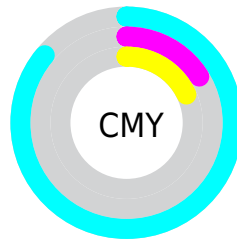
- Red (14%)
- Green (84%)
- Blue (82%)



- Red (14%)
- Yellow (49%)
- Blue (84%)



- Cyan (83%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)





- Cyan (86%)
- Magenta (16%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 43.254, 192.810 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, 43.254, 192.810 by changing the saturation by 10% instead.


 78, 43.254,
192.810


 78, 43.254,
192.810


 100, 43.254,
192.810


 68, 43.254,
192.810


 98, 43.254,
192.810

 58, 43.254,
192.810

 48, 43.254,
192.810

 38, 43.254,
192.810

 28, 43.254,
192.810

 18, 43.254,
192.810

 8, 43.254, 192.810

■ 0, 43.254, 192.810

■ 78, 43.254,
192.810

■ 78, 43.254,
192.810

■ 78, 44.468,
192.403

■ 78, 41.154,
193.223

■ 78, 44.929,
192.135

■ 79, 38.102,
193.656

■ 79, 34.093,
194.116

■ 80, 29.180,
194.609

■ 81, 23.454,
195.137

■ 82, 17.029,
195.701

■ 84, 10.031,
196.310

■ 85, 2.586, 197.086

■ 87, 5.191, 17.382

Harmonies

Complementary

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



78, 43.254, 192.810



47, 79.252, 33.620

Rectangle

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



78, 43.254, 192.810



78, 43.254, 242.810



78, 43.254, 12.810



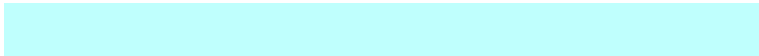
78, 43.254, 62.810

Sweetspot

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



78, 43.254, 192.809



96, 20.850, 195.592



75, 98.976, 136.536



51, 14.049, 195.390



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, 43.254, 192.809



91, 51.247, 192.093



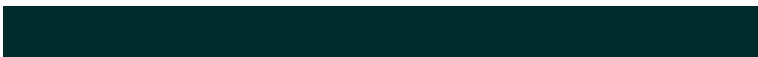
53, 50.343, 273.355



44, 4.300, 196.571



63, 37.938, 192.199



15, 14.815, 192.949

Inverse Universe

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



47, 79.252, 33.620



53, 103.486, 39.235



60, 66.066, 61.361



42, 4.549, 17.660



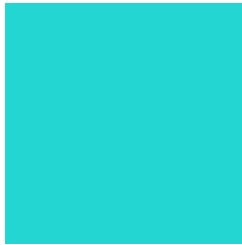
35, 76.163, 38.751



5, 21.979, 18.518

Previews

White Background



This preview shows how the CIE LCh color 78, 43.254, 192.810 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, 43.254, 192.810 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

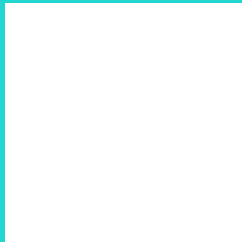
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 43.254, 192.810

Background



This preview shows how black text looks on a background with the CIELCh color 78, 43.254, 192.810.

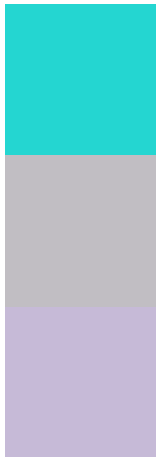


This preview shows how white text looks on a background with the CIELCh color 78, 43.254, 192.810.

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](#).

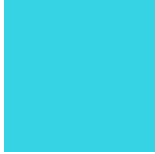
Dichromacy



Original Color
78, 43.182, 192.809

Protanopia
77, 2.919, 312.538

Deuteranopia
77, 16.217, 306.681



Tritanopia
78, 39.001, 211.380

Trichromacy



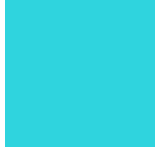
Original Color
78, 43.182, 192.809



Protanomaly
76, 20.898, 199.358



Deuteranomaly
76, 20.218, 225.336



Tritanomaly
78, 40.130, 204.473

Monochromacy



Original Color
78, 43.182, 192.809



Achromatopsia
66, 0.008, 296.813



Achromatomaly
69, 21.839, 194.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 43.254, 192.810 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(36, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(36, 214, 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(36, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 214, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 43.254, 192.810 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(36, 214, 209) }
```

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

```
.border{ border-color:rgb(36, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(36, 214,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 43.254, 192.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 214, 209) }
```

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

```
.background{ background-color: rgb(36, 214,  
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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