

Converting Colors

CIELCh(78, 39.601, 205.892)

Have a look what the booklet for
CIELCh(78, 39.601, 205.892)
contains.

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Color

CIELCh(78, 39.538, 206.241)

Conversions

Conversions Part 1

Format	Color
Hex	34D4E0
RGB	52, 212, 224
RGB Percent	20%, 83%, 88%
CMY	0.7959, 0.1685, 0.1215
CMYK	0.77, 0.05, 0.00, 0.12
HSL	184°, 74%, 54%
HSV	184°, 77%, 88%
XYZ	38.4246, 53.2120, 78.7827
YIQ	165.5280, -99.2120, -30.1880

Conversions

Conversions Part 2

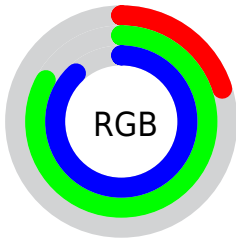
Format	Color
R _Y B	52, 135, 224
Decimal	3462368
CIE Lab	78.00, -35.46, -17.48
CIE LCh	78, 39.538, 206.241
Yxy	53.2120, 0.2255, 0.3122
Android (android.graphics.Color)	4281652448 (0xFF34D4E0)
YUV	165.5280, 28.8267, -99.5641
Hunter-Lab	72.9466, -33.6317, -12.9709

Details

The CIELCh color **78, 39.538, 206.241** 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 **52, 74.748, 35.488**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 37.074, 197.146**, and **59, 33.678, 208.452** is the 20% darker color. If you saturate the color by 10%, you get **77, 40.933, 207.054**, and if you desaturate by 10%, it is **79, 37.181, 205.650**.

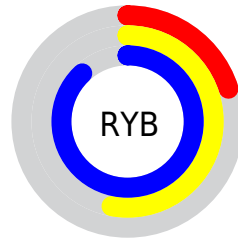
Distribution



Red (20%)

Green (83%)

Blue (88%)



Red (20%)

Yellow (53%)

Blue (88%)

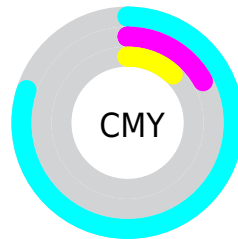


Cyan (77%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (80%)


Magenta (17%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 39.538, 206.241 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, 39.538, 206.241 by changing the saturation by 10% instead.


 78, 39.538,
206.241


 78, 39.538,
206.241


 100, 39.538,
206.241


 68, 39.538,
206.241


 98, 39.538,
206.241

 58, 39.538,
206.241

 48, 39.538,
206.241

 38, 39.538,
206.241

 28, 39.538,
206.241

 18, 39.538,
206.241

 8, 39.538, 206.241

■ 0, 39.538, 206.241

■ 78, 39.538,
206.241

■ 78, 39.538,
206.241

■ 77, 40.933,
207.054

■ 79, 37.181,
205.650

■ 77, 41.473,
208.103

■ 80, 33.843,
205.262

■ 76, 41.555,
208.471

■ 81, 29.563,
205.049

■ 83, 24.422,
204.988

■ 84, 18.531,
205.056

■ 86, 12.011,
205.237

■ 88, 4.984, 205.555

■ 90, 2.436, 25.498

■ 92, 10.148, 26.051

Harmonies

Complementary

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



78, 39.538, 206.241



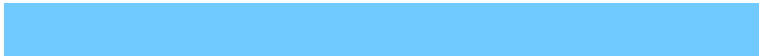
52, 74.748, 35.488

Rectangle

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



78, 39.538, 206.241



78, 39.538, 256.241



78, 39.538, 26.241



78, 39.538, 76.241

Sweetspot

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



78, 39.537, 206.240



95, 17.920, 205.108



79, 95.356, 138.700



50, 12.240, 205.055



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, 39.537, 206.240



86, 45.593, 207.645



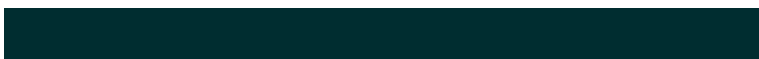
53, 57.214, 280.919



46, 4.159, 205.448



61, 34.733, 208.260



16, 14.444, 206.166

Inverse Universe

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



55, 91.703, 330.422



60, 108.214, 331.011



68, 62.967, 71.427



44, 7.775, 326.888



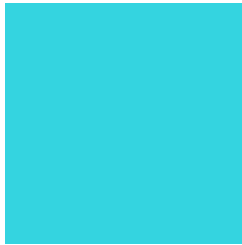
41, 82.846, 331.207



7, 34.284, 330.681

Previews

White Background



This preview shows how the CIE LCh color 78, 39.538, 206.241 looks on a white background.

Color Contrast Check

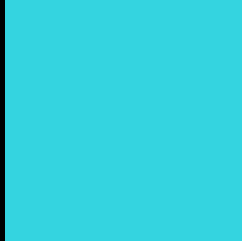
Large Text (above 18pt) WCAG AA × Fail

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, 39.538, 206.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

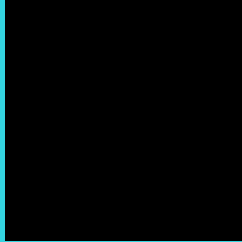
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 39.538, 206.241

Background



This preview shows how black text looks on a background with the CIELCh color 78, 39.538, 206.241.

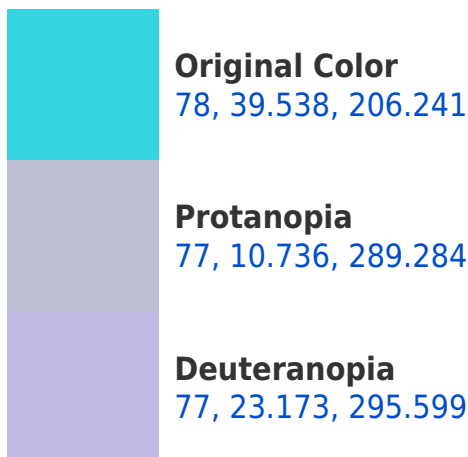


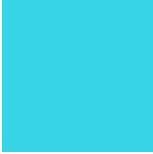
This preview shows how white text looks on a background with the CIELCh color 78, 39.538, 206.241.

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



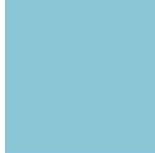


Tritanopia
78, 38.805, 210.626

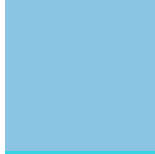
Trichromacy



Original Color
78, 39.538, 206.241



Protanomaly
77, 20.711, 224.562



Deuteranomaly
76, 23.924, 244.869

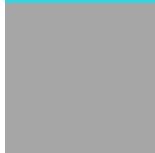


Tritanomaly
78, 38.923, 209.741

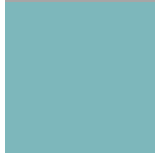
Monochromacy



Original Color
78, 39.538, 206.241



Achromatopsia
68, 0.008, 296.813



Achromatomaly
71, 19.446, 204.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 39.538, 206.241 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(52, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(52, 212, 224)  
}
```

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(52, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 212, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 39.538, 206.241 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(52, 212, 224) }
```

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

```
.border{ border-color:rgb(52, 212, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 212, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(52, 212,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 39.538, 206.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 212, 224) }
```

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

```
.background{ background-color: rgb(52, 212,  
224) }
```

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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