

Converting Colors

CIELCh(78, 36.856, 205.088)

Have a look what the booklet for
CIELCh(78, 36.856, 205.088)
contains.

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Color

CIELCh(78, 36.777, 205.395)

Conversions

Conversions Part 1

Format	Color
Hex	4AD3DD
RGB	74, 211, 221
RGB Percent	29%, 83%, 87%
CMY	0.7102, 0.1729, 0.1337
CMYK	0.67, 0.05, 0.00, 0.13
HSL	184°, 68%, 58%
HSV	184°, 67%, 87%
XYZ	39.1272, 53.2120, 76.5536
YIQ	171.1770, -84.8620, -25.9340

Conversions

Conversions Part 2

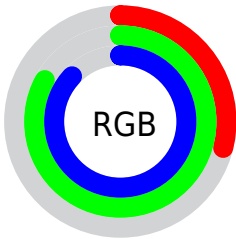
Format	Color
RYB	74, 145, 221
Decimal	4903901
CIELab	78.00, -33.22, -15.77
CIElCh	78, 36.777, 205.395
Yxy	53.2120, 0.2317, 0.3151
Android (android.graphics.Color)	4283093981 (0xFF4AD3DD)
YUV	171.1770, 24.5627, -85.2242
Hunter-Lab	72.9466, -31.9123, -11.1592

Details

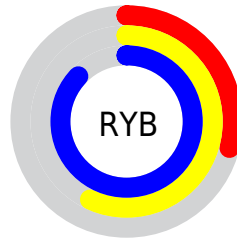
The CIELCh color **78, 36.777, 205.395** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **54, 62.993, 32.811**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.243, 197.314**, and **59, 33.622, 206.449** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.138, 205.955**, and if you desaturate by 10%, it is **79, 33.444, 205.028**.

Distribution



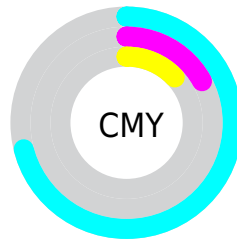
- Red (29%)
- Green (83%)
- Blue (87%)



- Red (29%)
- Yellow (57%)
- Blue (87%)



- Cyan (67%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)





- Cyan (71%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 36.777, 205.395 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, 36.777, 205.395 by changing the saturation by 10% instead.


 78, 36.777,
205.395


 78, 36.777,
205.395


 100, 36.777,
205.395


 68, 36.777,
205.395


 98, 36.777,
205.395

 58, 36.777,
205.395

 48, 36.777,
205.395

 38, 36.777,
205.395

 28, 36.777,
205.395

 18, 36.777,
205.395

 8, 36.777, 205.395

0, 36.777, 205.395

78, 36.777,
205.395

78, 36.777,
205.395

77, 39.138,
205.955

79, 33.444,
205.028

76, 40.549,
206.735

80, 29.182,
204.834

76, 41.108,
207.745

82, 24.070,
204.789

76, 41.198,
208.124

83, 18.220,
204.870

85, 11.749,
205.062

87, 4.780, 205.393

■ 89, 2.575, 25.355

■ 91, 10.218, 25.900

■ 92, 11.400, 29.258

Harmonies

Complementary

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



78, 36.777, 205.395



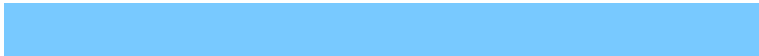
54, 62.993, 32.811

Rectangle

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



78, 36.777, 205.395



78, 36.777, 255.395



78, 36.777, 25.395



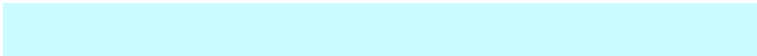
78, 36.777, 75.395

Sweetspot

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



78, 36.776, 205.394



96, 15.769, 204.980



78, 85.115, 140.012



51, 10.656, 204.926



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, 36.776, 205.394



87, 44.387, 206.247



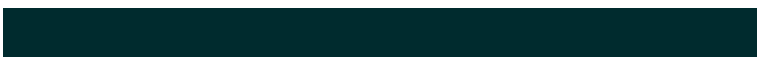
57, 48.922, 277.081



45, 4.088, 205.274



61, 34.426, 207.917



15, 14.005, 205.771

Inverse Universe

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



57, 83.206, 329.922



62, 103.646, 330.504



69, 54.063, 73.148



43, 7.638, 326.835



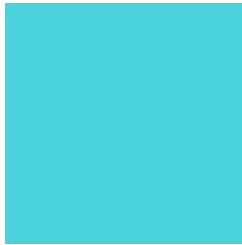
40, 82.073, 331.123



7, 32.957, 330.523

Previews

White Background



This preview shows how the CIELCh color 78, 36.777, 205.395 looks on a white background.

Color Contrast Check

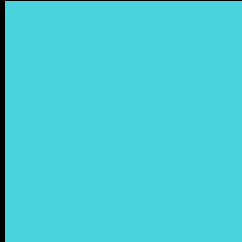
Large Text (above 18pt) WCAG AA × Fail

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, 36.777, 205.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

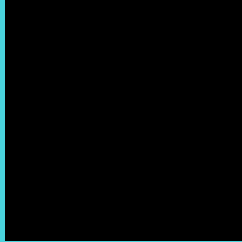
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 36.777, 205.395

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.777, 205.395.

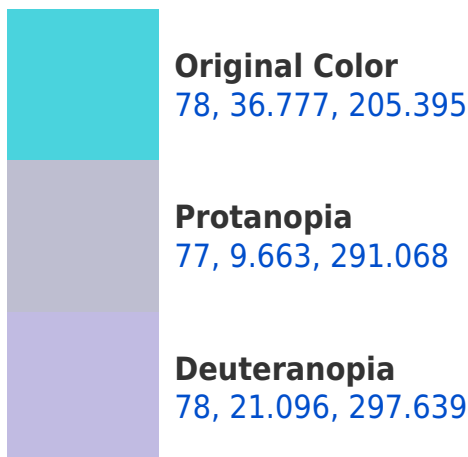


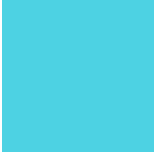
This preview shows how white text looks on a background with the CIELCh color 78, 36.777, 205.395.

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, 36.013, 211.889

Trichromacy



Original Color
78, 36.777, 205.395



Protanomaly
77, 18.035, 225.050



Deuteranomaly
77, 20.633, 245.779

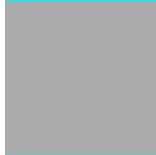


Tritanomaly
78, 36.155, 210.022

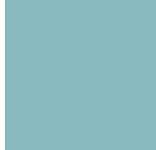
Monochromacy



Original Color
78, 36.777, 205.395



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 17.057, 203.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.777, 205.395 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(74, 211, 221)` looks like.

```
.text, #text, p{  
    color:rgb(74, 211, 221)  
}
```

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(74, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 211, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.777, 205.395 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(74, 211, 221) }
```

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

```
.border{ border-color:rgb(74, 211, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 211, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(74, 211,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.777, 205.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 211, 221) }
```

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

```
.background{ background-color: rgb(74, 211,  
221) }
```

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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