

Converting Colors

CIELCh(78, 37.726, 211.949)

Have a look what the booklet for
CIELCh(78, 37.726, 211.949)
contains.

CIELCh(78, 37.794, 211.926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 37.794, 211.926)

Conversions

Conversions Part 1

Format	Color
Hex	41D3E5
RGB	65, 211, 229
RGB Percent	25%, 83%, 90%
CMY	0.7466, 0.1736, 0.1030
CMYK	0.72, 0.08, 0.00, 0.10
HSL	187°, 76%, 58%
HSV	187°, 72%, 90%
XYZ	39.4901, 53.2120, 82.1259
YIQ	169.3980, -92.7940, -25.3540

Conversions

Conversions Part 2

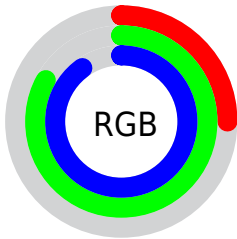
Format	Color
RYB	65, 142, 229
Decimal	4314085
CIELab	78.00, -32.08, -19.99
CIELCh	78, 37.794, 211.926
Yxy	53.2120, 0.2259, 0.3044
Android (android.graphics.Color)	4282504165 (0xFF41D3E5)
YUV	169.3980, 29.3838, -91.5570
Hunter-Lab	72.9466, -31.0243, -15.6883

Details

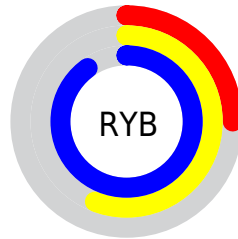
The CIELCh color **78, 37.794, 211.926** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **55, 69.011, 36.222**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.363, 197.247**, and **59, 33.437, 214.797** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.622, 213.209**, and if you desaturate by 10%, it is **79, 34.998, 210.963**.

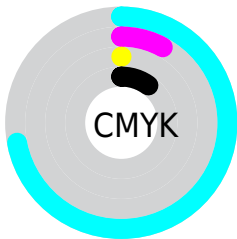
Distribution



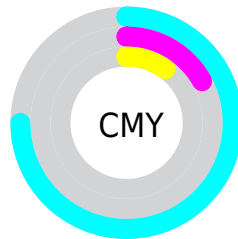
- Red (25%)
- Green (83%)
- Blue (90%)



- Red (25%)
- Yellow (56%)
- Blue (90%)



- Cyan (72%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)





- Cyan (75%)
- Magenta (17%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 37.794, 211.926 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, 37.794, 211.926 by changing the saturation by 10% instead.


 78, 37.794,
211.926


 78, 37.794,
211.926


 100, 37.794,
211.926


 68, 37.794,
211.926


 98, 37.794,
211.926

 58, 37.794,
211.926

 48, 37.794,
211.926

 38, 37.794,
211.926

 28, 37.794,
211.926

 18, 37.794,
211.926

 8, 37.794, 211.926

■ 0, 37.794, 211.926

■ 78, 37.794,
211.926

■ 78, 37.794,
211.926

■ 77, 39.622,
213.209

■ 79, 34.998,
210.963

■ 76, 40.544,
214.855

■ 81, 31.246,
210.278

■ 75, 40.793,
216.462

■ 82, 26.603,
209.826

■ 84, 21.167,
209.567

■ 86, 15.055,
209.469

■ 88, 8.387, 209.516

■ 90, 1.280, 210.036

■ 93, 6.165, 29.645

■ 94, 8.220, 36.400

Harmonies

Complementary

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



78, 37.794, 211.926



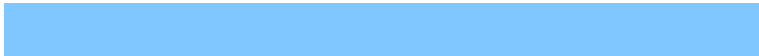
55, 69.011, 36.222

Rectangle

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



78, 37.794, 211.926



78, 37.794, 261.926



78, 37.794, 31.926



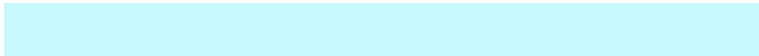
78, 37.794, 81.926

Sweetspot

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



78, 37.793, 211.925



95, 16.611, 209.470



81, 90.784, 140.130



50, 11.055, 209.484



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, 37.793, 211.925



84, 43.607, 213.947



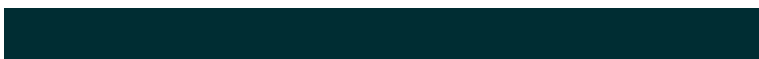
55, 57.300, 281.925



47, 4.092, 209.552



60, 33.926, 216.097



16, 14.417, 212.703

Inverse Universe

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



57, 87.320, 331.726



60, 103.384, 332.502



72, 60.478, 75.303



45, 7.704, 328.093



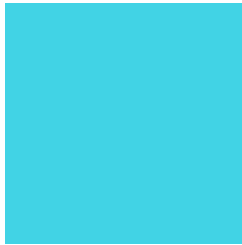
41, 81.159, 333.129



8, 34.509, 332.296

Previews

White Background



This preview shows how the CIELCh color 78, 37.794, 211.926 looks on a white background.

Color Contrast Check

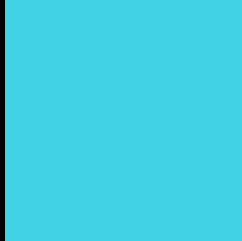
Large Text (above 18pt) WCAG AA × Fail

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, 37.794, 211.926 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, 37.794, 211.926

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.794, 211.926.

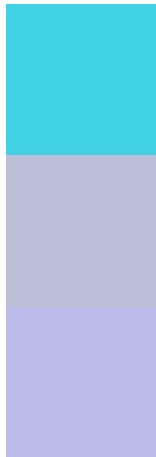


This preview shows how white text looks on a background with the CIELCh color 78, 37.794, 211.926.

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](#).

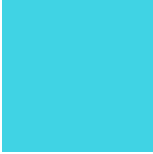
Dichromacy



Original Color
78, 37.794, 211.926

Protanopia
78, 13.422, 288.433

Deuteranopia
77, 25.276, 293.965

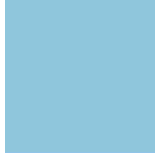


Tritanopia
78, 37.913, 211.009

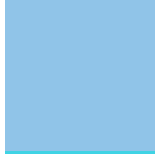
Trichromacy



Original Color
78, 37.794, 211.926



Protanomaly
77, 20.782, 233.255



Deuteranomaly
77, 24.624, 250.848

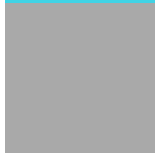


Tritanomaly
78, 37.913, 211.009

Monochromacy



Original Color
78, 37.794, 211.926



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 18.040, 210.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 37.794, 211.926 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(65, 211, 229)` looks like.

```
.text, #text, p{  
    color:rgb(65, 211, 229)  
}
```

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(65, 211, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 211, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 37.794, 211.926 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(65, 211, 229) }
```

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

```
.border{ border-color:rgb(65, 211, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 211, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 211, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 211, 229);  
box-shadow:4px 4px 4px 4px rgb(65, 211,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 37.794, 211.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 211, 229) }
```

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

```
.background{ background-color: rgb(65, 211,  
229) }
```

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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