

Converting Colors

CIELCh(78, 38.558, 216.675)

Have a look what the booklet for
CIELCh(78, 38.558, 216.675)
contains.

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Color

CIELCh(78, 38.447, 216.813)

Conversions

Conversions Part 1

Format	Color
Hex	3CD2EA
RGB	60, 210, 234
RGB Percent	24%, 82%, 92%
CMY	0.7660, 0.1748, 0.0807
CMYK	0.75, 0.10, 0.00, 0.08
HSL	188°, 81%, 58%
HSV	188°, 75%, 92%
XYZ	39.9032, 53.2120, 86.3249
YIQ	167.8860, -97.1040, -24.3360

Conversions

Conversions Part 2

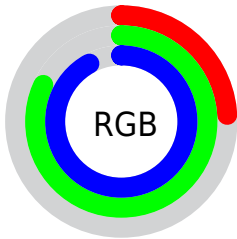
Format	Color
RYB	60, 141, 234
Decimal	3986154
CIELab	78.00, -30.78, -23.04
CIElCh	78, 38.447, 216.813
Yxy	53.2120, 0.2224, 0.2965
Android (android.graphics.Color)	4282176234 (0xFF3CD2EA)
YUV	167.8860, 32.5942, -94.6160
Hunter-Lab	72.9466, -30.0134, -19.1011

Details

The CIELCh color **78, 38.447, 216.813** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light washed cyan. A complement of this color would be **56, 72.494, 38.255**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.016, 197.208**, and **59, 33.496, 220.147** is the 20% darker color. If you saturate the color by 10%, you get **77, 40.057, 218.660**, and if you desaturate by 10%, it is **79, 35.890, 215.385**.

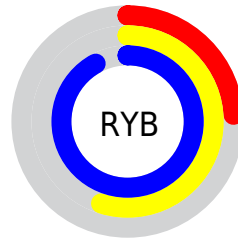
Distribution



Red (24%)

Green (82%)

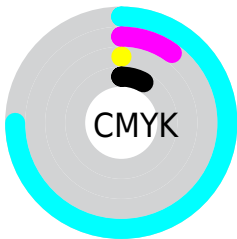
Blue (92%)



Red (24%)

Yellow (55%)

Blue (92%)

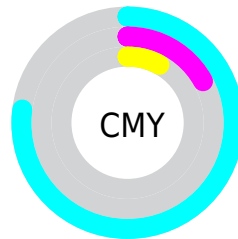


Cyan (75%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (77%)


Magenta (17%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 38.447, 216.813 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, 38.447, 216.813 by changing the saturation by 10% instead.


 78, 38.447,
216.813


 78, 38.447,
216.813


 100, 38.447,
216.813


 68, 38.447,
216.813


 98, 38.447,
216.813

 58, 38.447,
216.813

 48, 38.447,
216.813

 38, 38.447,
216.813

 28, 38.447,
216.813

 18, 38.447,
216.813

 8, 38.447, 216.813

■ 0, 38.447, 216.813

■ 78, 38.447,
216.813

■ 78, 38.447,
216.813

■ 77, 40.057,
218.660

■ 79, 35.890,
215.385

■ 76, 40.817,
220.975

■ 81, 32.380,
214.317

■ 75, 41.001,
222.394

■ 83, 27.963,
213.551

■ 85, 22.732,
213.032

■ 87, 16.798,
212.717

■ 89, 10.282,
212.573

■ 92, 3.299, 212.658

■ 94, 4.046, 32.368

■ 96, 6.158, 44.010

Harmonies

Complementary

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



78, 38.447, 216.813



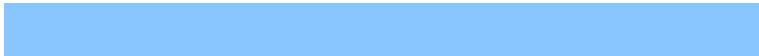
56, 72.494, 38.255

Rectangle

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



78, 38.447, 216.813



78, 38.447, 266.813



78, 38.447, 36.813



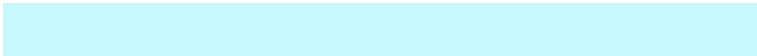
78, 38.447, 86.813

Sweetspot

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



78, 38.446, 216.812



94, 16.259, 212.666



82, 93.251, 140.567



50, 10.821, 212.723



0, 0.000, 0.000



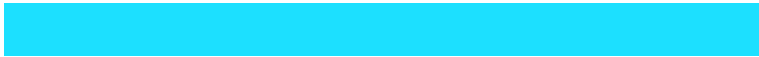
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 38.446, 216.812



82, 43.188, 219.725



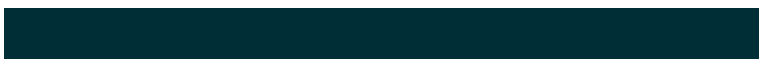
53, 64.208, 285.609



48, 4.076, 212.568



59, 33.813, 221.907



17, 14.612, 217.690

Inverse Universe

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



57, 89.299, 333.017



59, 102.241, 333.964



74, 64.535, 77.765



46, 7.694, 328.972



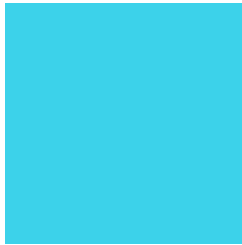
42, 80.266, 334.569



9, 34.911, 333.521

Previews

White Background



This preview shows how the CIE LCh color 78, 38.447, 216.813 looks on a white background.

Color Contrast Check

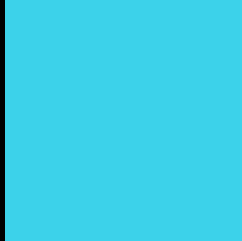
Large Text (above 18pt) WCAG AA × Fail

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, 38.447, 216.813 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, 38.447, 216.813

Background



This preview shows how black text looks on a background with the CIELCh color 78, 38.447, 216.813.



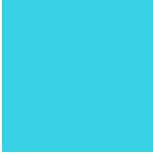
This preview shows how white text looks on a background with the CIELCh color 78, 38.447, 216.813.

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, 38.901, 211.424

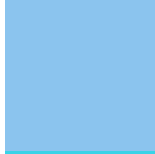
Trichromacy



Original Color
78, 38.342, 216.876



Protanomaly
77, 23.155, 241.071



Deuteranomaly
77, 27.720, 253.662

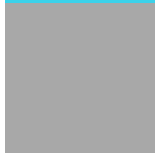


Tritanomaly
78, 38.705, 213.208

Monochromacy



Original Color
78, 38.342, 216.876



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 18.456, 213.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 38.447, 216.813 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(60, 210, 234)` looks like.

```
.text, #text, p{  
    color:rgb(60, 210, 234)  
}
```

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(60, 210, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 210, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 38.447, 216.813 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(60, 210, 234) }
```

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

```
.border{ border-color:rgb(60, 210, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 210, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 210, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 210, 234);  
box-shadow:4px 4px 4px 4px rgb(60, 210,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 38.447, 216.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 210, 234) }
```

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

```
.background{ background-color: rgb(60, 210,  
234) }
```

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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