

Converting Colors

CIELCh(78, 36.908, 196.947)

Have a look what the booklet for
CIELCh(78, 36.908, 196.947)
contains.

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Color

CIELCh(78, 36.743, 197.684)

Conversions

Conversions Part 1

Format	Color
Hex	4FD3D4
RGB	79, 211, 212
RGB Percent	31%, 83%, 83%
CMY	0.6885, 0.1712, 0.1673
CMYK	0.63, 0.00, 0.00, 0.17
HSL	180°, 61%, 57%
HSV	180°, 63%, 83%
XYZ	38.5671, 53.2120, 70.7525
YIQ	171.6460, -78.9930, -27.6730

Conversions

Conversions Part 2

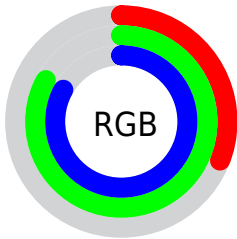
Format	Color
RYB	79, 145, 212
Decimal	5231572
CIELab	78.00, -35.01, -11.16
CIElCh	78, 36.743, 197.684
Yxy	53.2120, 0.2373, 0.3274
Android (android.graphics.Color)	4283421652 (0xFF4FD3D4)
YUV	171.6460, 19.8945, -81.2505
Hunter-Lab	72.9466, -33.2829, -6.4441

Details

The CIELCh color **78, 36.743, 197.684** 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 **52, 59.075, 28.595**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.553, 197.356**, and **58, 34.567, 197.361** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.679, 197.549**, and if you desaturate by 10%, it is **79, 32.857, 197.893**.

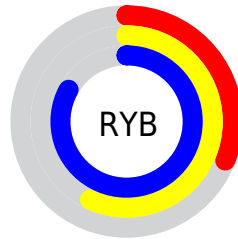
Distribution



Red (31%)

Green (83%)

Blue (83%)



Red (31%)

Yellow (57%)

Blue (83%)

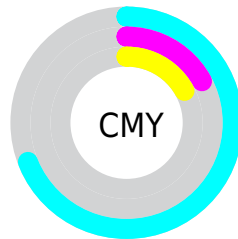


Cyan (63%)

Magenta (0%)

Yellow (0%)

Black (17%)



Cyan (69%)


Magenta (17%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 36.743, 197.684 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, 36.743, 197.684 by changing the saturation by 10% instead.


 78, 36.743,
197.684

 78, 36.743,
197.684


 100, 36.743,
197.684


 68, 36.743,
197.684


 98, 36.743,
197.684

 58, 36.743,
197.684

 48, 36.743,
197.684

 38, 36.743,
197.684

 28, 36.743,
197.684

 18, 36.743,
197.684

 8, 36.743, 197.684

0, 36.743, 197.684

78, 36.743,
197.684

78, 36.743,
197.684

77, 39.679,
197.549

79, 32.857,
197.893

77, 41.667,
197.493

80, 28.071,
198.179

77, 42.774,
197.511

81, 22.472,
198.535

77, 43.181,
197.559

82, 16.173,
198.957

83, 9.296, 199.449

85, 1.961, 200.190

86, 5.717, 20.339

■ 88, 13.638, 20.970

■ 89, 15.751, 21.348

Harmonies

Complementary

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



78, 36.743, 197.684



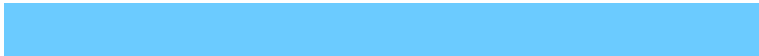
52, 59.075, 28.595

Rectangle

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



78, 36.743, 197.684



78, 36.743, 247.684



78, 36.743, 17.684



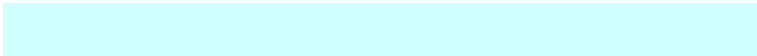
78, 36.743, 67.684

Sweetspot

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



78, 36.743, 197.682



97, 15.955, 199.115



76, 81.723, 138.927



51, 10.878, 198.980



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, 36.743, 197.682



91, 46.400, 197.523



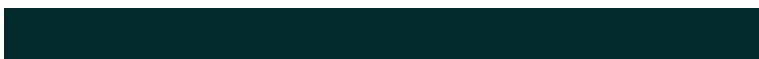
59, 40.368, 268.867



44, 4.255, 199.626



63, 36.729, 197.541



15, 14.432, 197.329

Inverse Universe

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



57, 80.312, 327.766



63, 104.651, 328.170



66, 48.372, 67.500



42, 7.808, 325.137



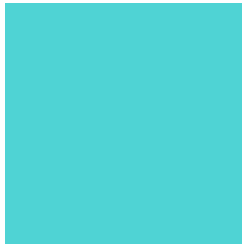
40, 85.109, 328.530



6, 32.774, 328.284

Previews

White Background



This preview shows how the CIELCh color 78, 36.743, 197.684 looks on a white background.

Color Contrast Check

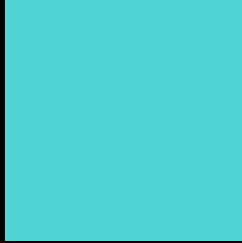
Large Text (above 18pt) WCAG AA × Fail

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, 36.743, 197.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

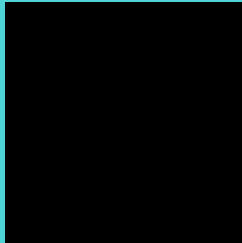
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

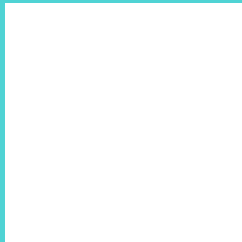
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 36.743, 197.684

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.743, 197.684.

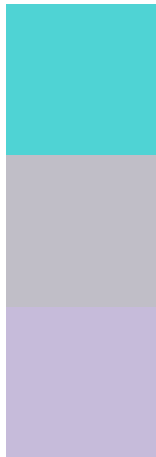


This preview shows how white text looks on a background with the CIELCh color 78, 36.743, 197.684.

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, 36.743, 197.684

Protanopia

77, 4.900, 299.141

Deuteranopia

78, 17.152, 304.637



Tritanopia
78, 34.433, 212.688

Trichromacy



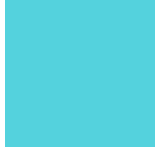
Original Color
78, 36.743, 197.684



Protanomaly
77, 16.109, 209.900



Deuteranomaly
77, 16.976, 238.123

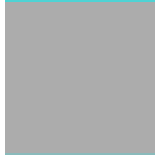


Tritanomaly
78, 34.987, 206.857

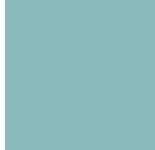
Monochromacy



Original Color
78, 36.743, 197.684



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 16.493, 200.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.743, 197.684 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(79, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(79, 211, 212)  
}
```

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(79, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 211, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.743, 197.684 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(79, 211, 212) }
```

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

```
.border{ border-color:rgb(79, 211, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 211, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(79, 211,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.743, 197.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 211, 212) }
```

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

```
.background{ background-color: rgb(79, 211,  
212) }
```

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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