

Converting Colors

CIELCh(70, 35.461, 181.727)

Have a look what the booklet for
CIELCh(70, 35.461, 181.727)
contains.

CIELCh(70, 35.212, 182.137)	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(70, 35.212, 182.137)

Conversions

Conversions Part 1

Format	Color
Hex	4EBCAC
RGB	78, 188, 172
RGB Percent	31%, 74%, 67%
CMY	0.6925, 0.2613, 0.3241
CMYK	0.58, 0.00, 0.09, 0.26
HSL	171°, 45%, 52%
HSV	171°, 58%, 74%
XYZ	28.7154, 40.7494, 45.5584
YIQ	153.2860, -60.4240, -28.2960

Conversions

Conversions Part 2

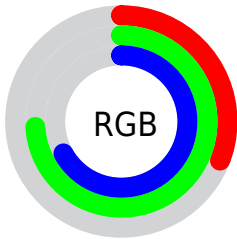
Format	Color
RYB	78, 137, 188
Decimal	5160108
CIELab	70.00, -35.19, -1.31
CIElCh	70, 35.212, 182.137
Yxy	40.7494, 0.2496, 0.3543
Android (android.graphics.Color)	4283350188 (0xFF4EBCAC)
YUV	153.2860, 9.2260, -66.0258
Hunter-Lab	63.8353, -31.4161, 2.3702

Details

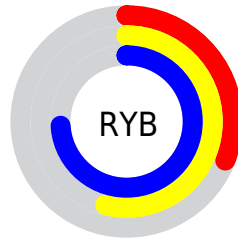
The CIELCh color **70, 35.212, 182.137** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **48, 47.603, 16.327**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 35.407, 181.706**, and **50, 34.200, 182.048** is the 20% darker color. If you saturate the color by 10%, you get **69, 39.117, 181.010**, and if you desaturate by 10%, it is **71, 30.525, 183.177**.

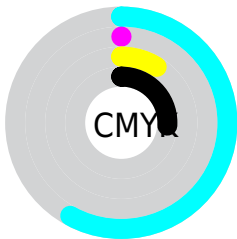
Distribution



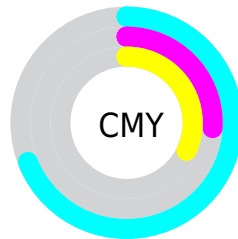
- Red (31%)
- Green (74%)
- Blue (67%)



- Red (31%)
- Yellow (54%)
- Blue (74%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (26%)





- Cyan (69%)
- Magenta (26%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 35.212, 182.137 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 70, 35.212, 182.137 by changing the saturation by 10% instead.


 70, 35.212,
182.137


 70, 35.212,
182.137


 100, 35.212,
182.137


 60, 35.212,
182.137


 90, 35.212,
182.137

 50, 35.212,
182.137

 40, 35.212,
182.137

 30, 35.212,
182.137

 20, 35.212,
182.137

 10, 35.212,
182.137

 0, 35.212, 182.137

70, 35.212,
182.137

70, 35.212,
182.137

69, 39.117,
181.010

71, 30.525,
183.177

69, 42.195,
179.778

72, 25.139,
184.154

69, 44.457,
178.422

73, 19.161,
185.082

69, 46.028,
176.944

74, 12.709,
185.978

69, 46.264,
176.705

75, 5.898, 186.874

77, 1.164, 7.183

78, 8.385, 8.358

80, 15.688, 9.169

82, 23.012, 9.943

Harmonies

Complementary

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



70, 35.212, 182.137



48, 47.603, 16.327

Rectangle

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



70, 35.212, 182.137



70, 35.212, 232.137



70, 35.212, 2.137



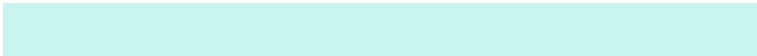
70, 35.212, 52.137

Sweetspot

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



70, 35.212, 182.136



93, 15.406, 185.985



69, 67.402, 136.519



49, 10.633, 185.726



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 35.212, 182.136



88, 48.760, 180.681



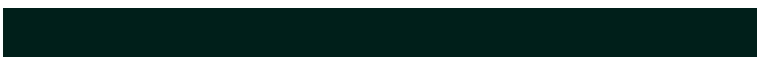
59, 28.933, 247.630



39, 3.991, 186.784



58, 40.547, 176.925



9, 12.632, 181.388

Inverse Universe

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



48, 47.603, 16.327



57, 70.561, 20.361



56, 40.804, 53.554



37, 4.165, 8.240



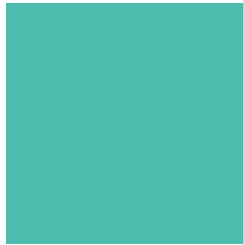
33, 66.953, 32.579



3, 12.406, 11.078

Previews

White Background



This preview shows how the CIELCh color 70, 35.212, 182.137 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 70, 35.212, 182.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

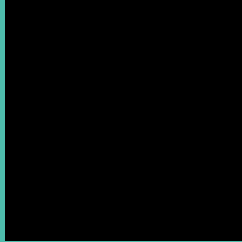
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

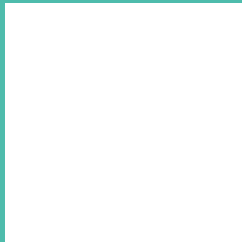
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 35.212, 182.137

Background



This preview shows how black text looks on a background with the CIELCh color 70, 35.212, 182.137.

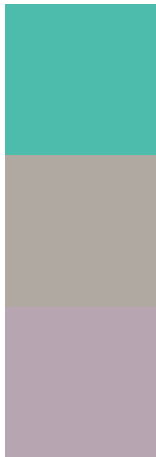


This preview shows how white text looks on a background with the CIELCh color 70, 35.212, 182.137.

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
70, 35.212, 182.137

Protanopia
70, 4.453, 78.486

Deuteranopia
70, 9.472, 336.319



Tritanopia
70, 28.714, 214.191

Trichromacy



Original Color
70, 35.212, 182.137



Protanomaly
69, 14.316, 175.625



Deuteranomaly
69, 10.072, 204.918



Tritanomaly
70, 30.199, 200.252

Monochromacy



Original Color
70, 35.212, 182.137



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 14.388, 186.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 35.212, 182.137 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(78, 188, 172)` looks like.

```
.text, #text, p{  
    color:rgb(78, 188, 172)  
}
```

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(78, 188, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 188, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 35.212, 182.137 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(78, 188, 172) }
```

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

```
.border{ border-color:rgb(78, 188, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 188, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 188, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 188, 172);  
box-shadow:4px 4px 4px 4px rgb(78, 188,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 35.212, 182.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 188, 172) }
```

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

```
.background{ background-color: rgb(78, 188,  
172) }
```

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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