

Converting Colors

CIELCh(70, 33.903, 237.271)

Have a look what the booklet for
CIELCh(70, 33.903, 237.271)
contains.

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Color

CIELCh(70, 33.925, 237.194)

Conversions

Conversions Part 1

Format	Color
Hex	4EB7DE
RGB	78, 183, 222
RGB Percent	31%, 72%, 87%
CMY	0.6942, 0.2824, 0.1295
CMYK	0.65, 0.18, 0.00, 0.13
HSL	196°, 69%, 59%
HSV	196°, 65%, 87%
XYZ	33.2507, 40.7494, 75.2046
YIQ	156.0510, -75.0990, -10.1310

Conversions

Conversions Part 2

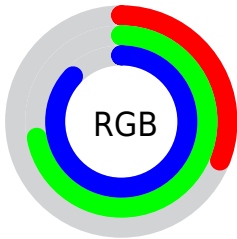
Format	Color
RYB	78, 139, 222
Decimal	5158878
CIELab	70.00, -18.38, -28.51
CIELCh	70, 33.925, 237.194
Yxy	40.7494, 0.2229, 0.2731
Android (android.graphics.Color)	4283348958 (0xFF4EB7DE)
YUV	156.0510, 32.5129, -68.4507
Hunter-Lab	63.8353, -18.7342, -25.1651

Details

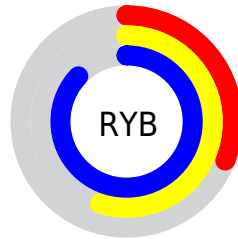
The CIELCh color **70, 33.925, 237.194** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **61, 54.656, 46.401**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 29.931, 213.975**, and **50, 32.401, 239.882** is the 20% darker color. If you saturate the color by 10%, you get **68, 36.992, 240.329**, and if you desaturate by 10%, it is **72, 30.198, 234.677**.

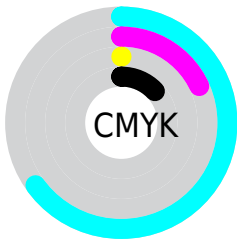
Distribution



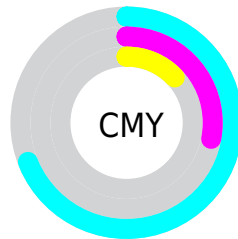
- Red (31%)
- Green (72%)
- Blue (87%)



- Red (31%)
- Yellow (55%)
- Blue (87%)



- Cyan (65%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)





- Cyan (69%)
- Magenta (28%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 33.925, 237.194 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, 33.925, 237.194 by changing the saturation by 10% instead.


 70, 33.925,
237.194


 70, 33.925,
237.194


 100, 33.925,
237.194


 60, 33.925,
237.194


 90, 33.925,
237.194

 50, 33.925,
237.194

 40, 33.925,
237.194

 30, 33.925,
237.194

 20, 33.925,
237.194

 10, 33.925,
237.194

 0, 33.925, 237.194

70, 33.925,
237.194

70, 33.925,
237.194

68, 36.992,
240.329

72, 30.198,
234.677

66, 39.461,
244.151

75, 25.824,
232.688

64, 41.472,
248.665

78, 20.854,
231.133

63, 42.445,
251.125

81, 15.364,
229.930

84, 9.439, 229.017

87, 3.163, 228.417

90, 3.387, 47.526

93, 9.959, 47.773

95, 10.152, 69.126

Harmonies

Complementary

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



70, 33.925, 237.194



61, 54.656, 46.401

Rectangle

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



70, 33.925, 237.194



70, 33.925, 287.194



70, 33.925, 57.194



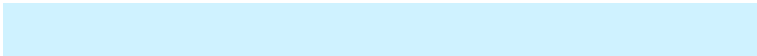
70, 33.925, 107.194

Sweetspot

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



70, 33.924, 237.194



93, 13.349, 229.375



79, 72.913, 146.171



49, 9.115, 229.643



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 33.924, 237.194



76, 42.174, 241.674



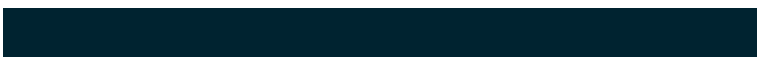
50, 64.341, 290.943



46, 3.684, 228.637



50, 35.482, 250.290



12, 13.900, 241.183

Inverse Universe

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



56, 71.664, 338.274



60, 89.231, 339.817



77, 58.512, 90.166



44, 6.747, 333.729



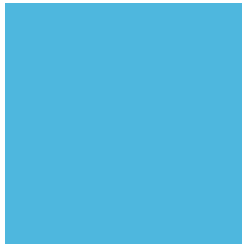
39, 71.280, 342.721



7, 29.936, 339.794

Previews

White Background



This preview shows how the CIELCh color 70, 33.925, 237.194 looks on a white background.

Color Contrast Check

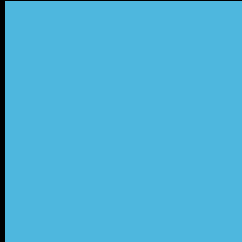
Large Text (above 18pt) WCAG AA × Fail

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, 33.925, 237.194 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, 33.925, 237.194

Background



This preview shows how black text looks on a background with the CIELCh color 70, 33.925, 237.194.

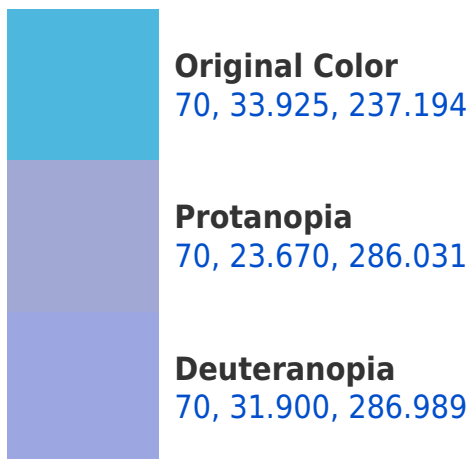


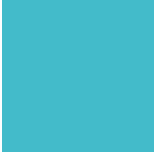
This preview shows how white text looks on a background with the CIELCh color 70, 33.925, 237.194.

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](#).

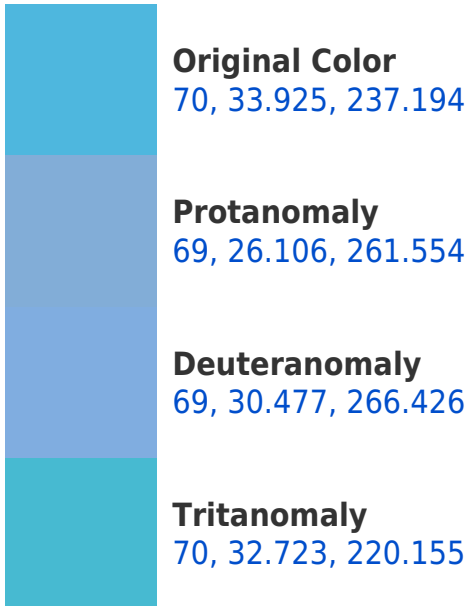
Dichromacy





Tritanopia
70, 33.118, 211.583

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 33.925, 237.194 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, 183, 222)` looks like.

```
.text, #text, p{  
    color:rgb(78, 183, 222)  
}
```

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, 183, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 183, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 33.925, 237.194 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, 183, 222) }
```

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

```
.border{ border-color:rgb(78, 183, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 183, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 183, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 183, 222);  
box-shadow:4px 4px 4px 4px rgb(78, 183,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 33.925, 237.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 183, 222) }
```

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

```
.background{ background-color: rgb(78, 183,  
222) }
```

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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