

Converting Colors

CIELCh(70, 36.482, 239.588)

Have a look what the booklet for
CIELCh(70, 36.482, 239.588)
contains.

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Color

CIELCh(70, 36.441, 239.616)

Conversions

Conversions Part 1

Format	Color
Hex	43B7E3
RGB	67, 183, 227
RGB Percent	26%, 72%, 89%
CMY	0.7357, 0.2813, 0.1087
CMYK	0.70, 0.19, 0.00, 0.11
HSL	197°, 74%, 58%
HSV	197°, 70%, 89%
XYZ	33.2362, 40.7494, 78.9951
YIQ	153.3320, -83.2600, -10.9080

Conversions

Conversions Part 2

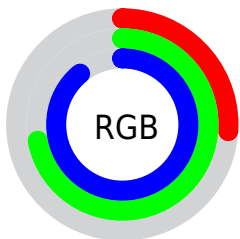
Format	Color
RYB	67, 134, 227
Decimal	4437987
CIELab	70.00, -18.43, -31.44
CIELCh	70, 36.441, 239.616
Yxy	40.7494, 0.2173, 0.2664
Android (android.graphics.Color)	4282628067 (0xFF43B7E3)
YUV	153.3320, 36.3183, -75.7132
Hunter-Lab	63.8353, -18.7747, -28.6858

Details

The CIELCh color **70, 36.441, 239.616** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **60, 61.367, 46.853**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 31.696, 212.945**, and **51, 33.504, 243.825** is the 20% darker color. If you saturate the color by 10%, you get **68, 39.262, 243.179**, and if you desaturate by 10%, it is **72, 32.982, 236.719**.

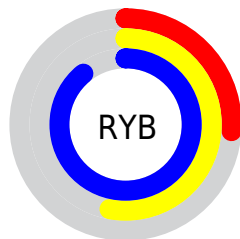
Distribution



Red (26%)

Green (72%)

Blue (89%)



Red (26%)

Yellow (53%)

Blue (89%)

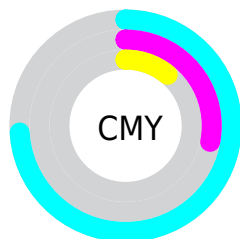


Cyan (70%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (74%)


Magenta (28%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 36.441, 239.616 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, 36.441, 239.616 by changing the saturation by 10% instead.


 70, 36.441,
239.616


 70, 36.441,
239.616


 100, 36.441,
239.616


 60, 36.441,
239.616


 90, 36.441,
239.616

 50, 36.441,
239.616

 40, 36.441,
239.616

 30, 36.441,
239.616

 20, 36.441,
239.616

 10, 36.441,
239.616

 0, 36.441, 239.616

70, 36.441,
239.616

70, 36.441,
239.616

68, 39.262,
243.179

72, 32.982,
236.719

66, 41.557,
247.446

75, 28.861,
234.408

64, 43.498,
252.083

78, 24.106,
232.587

81, 18.783,
231.167

84, 12.974,
230.073

87, 6.765, 229.258

90, 0.237, 230.916

94, 6.537, 47.927

Harmonies

Complementary

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



70, 36.441, 239.616



60, 61.367, 46.853

Rectangle

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



70, 36.441, 239.616



70, 36.441, 289.616



70, 36.441, 59.616



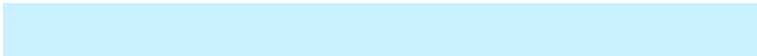
70, 36.441, 109.616

Sweetspot

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



70, 36.440, 239.616



93, 14.666, 230.149



80, 79.376, 145.266



48, 9.849, 230.430



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, 36.440, 239.616



74, 43.937, 244.879



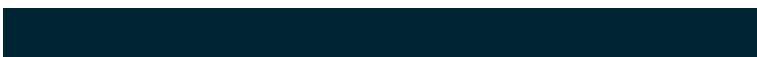
48, 71.770, 292.613



46, 3.749, 229.200



51, 36.089, 251.224



13, 14.430, 242.525

Inverse Universe

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



56, 76.876, 339.092



59, 91.537, 340.869



78, 63.938, 89.399



45, 6.852, 333.905



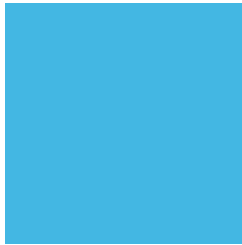
40, 71.817, 343.050



8, 30.998, 340.189

Previews

White Background



This preview shows how the CIELCh color 70, 36.441, 239.616 looks on a white background.

Color Contrast Check

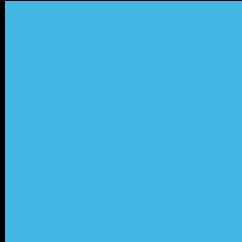
Large Text (above 18pt) WCAG AA × Fail

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, 36.441, 239.616 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, 36.441, 239.616

Background



This preview shows how black text looks on a background with the CIELCh color 70, 36.441, 239.616.

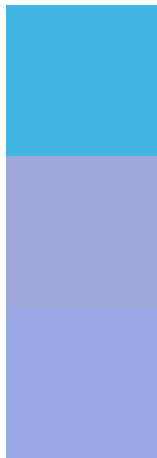


This preview shows how white text looks on a background with the CIELCh color 70, 36.441, 239.616.

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, 36.441, 239.616

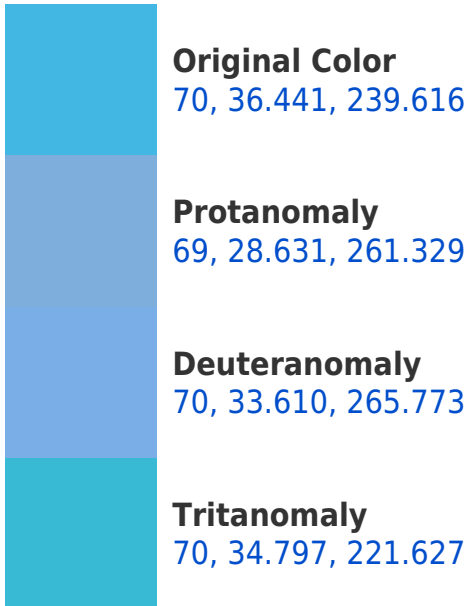
Protanopia
70, 26.436, 285.642

Deuteranopia
70, 34.708, 285.303

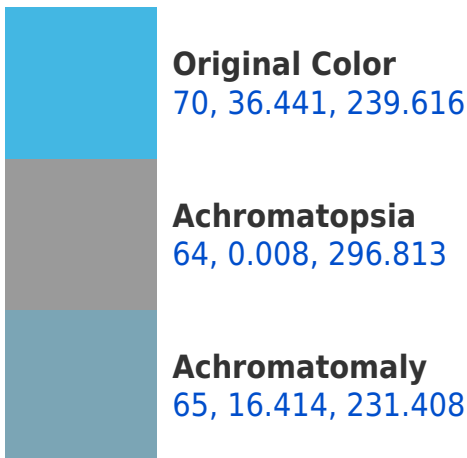


Tritanopia
70, 35.367, 210.486

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 36.441, 239.616 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(67, 183, 227)` looks like.

```
.text, #text, p{  
    color:rgb(67, 183, 227)  
}
```

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(67, 183, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 183, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 36.441, 239.616 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(67, 183, 227) }
```

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

```
.border{ border-color:rgb(67, 183, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 183, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 183, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 183, 227);  
box-shadow:4px 4px 4px 4px rgb(67, 183,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 36.441, 239.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 183, 227) }
```

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

```
.background{ background-color: rgb(67, 183,  
227) }
```

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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