

Converting Colors

CIELCh(69, 34.437, 227.010)

Have a look what the booklet for
CIELCh(69, 34.437, 227.010)
contains.

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Color

CIELCh(69, 34.406, 227.370)

Conversions

Conversions Part 1

Format	Color
Hex	3CB6D5
RGB	60, 182, 213
RGB Percent	24%, 71%, 84%
CMY	0.7633, 0.2853, 0.1637
CMYK	0.72, 0.15, 0.00, 0.16
HSL	192°, 65%, 54%
HSV	192°, 72%, 84%
XYZ	30.7047, 39.3444, 69.0936
YIQ	149.0560, -82.6630, -16.2230

Conversions

Conversions Part 2

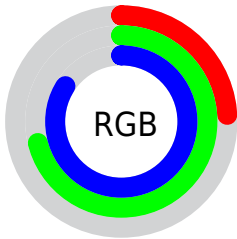
Format	Color
RYB	60, 128, 213
Decimal	3978965
CIELab	69.00, -23.30, -25.31
CIELCh	69, 34.406, 227.370
Yxy	39.3444, 0.2207, 0.2828
Android (android.graphics.Color)	4282169045 (0xFF3CB6D5)
YUV	149.0560, 31.5244, -78.1021
Hunter-Lab	62.7251, -22.3910, -21.4021

Details

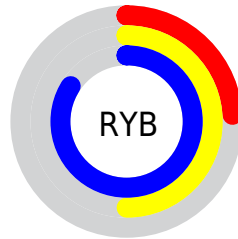
The CIELCh color **69, 34.406, 227.370** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **54, 61.812, 41.730**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 32.782, 213.339**, and **50, 30.513, 231.495** is the 20% darker color. If you saturate the color by 10%, you get **67, 36.415, 230.078**, and if you desaturate by 10%, it is **71, 31.625, 225.228**.

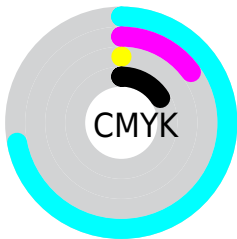
Distribution



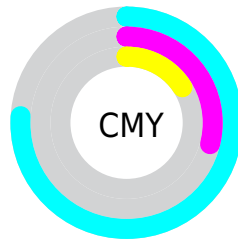
- Red (24%)
- Green (71%)
- Blue (84%)



- Red (24%)
- Yellow (50%)
- Blue (84%)



- Cyan (72%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)





- Cyan (76%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 34.406, 227.370 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 69, 34.406, 227.370 by changing the saturation by 10% instead.


 69, 34.406,
227.370


 69, 34.406,
227.370


 100, 34.406,
227.370


 59, 34.406,
227.370


 89, 34.406,
227.370

 49, 34.406,
227.370

 99, 34.406,
227.370

 39, 34.406,
227.370

 29, 34.406,
227.370

 19, 34.406,
227.370

 9, 34.406, 227.370

 0, 34.406, 227.370

69, 34.406,
227.370

69, 34.406,
227.370

67, 36.415,
230.078

71, 31.625,
225.228

66, 37.733,
233.418

73, 28.069,
223.569

65, 38.486,
236.594

75, 23.784,
222.308

77, 18.849,
221.371

80, 13.359,
220.696

82, 7.413, 220.245

85, 1.103, 220.357

88, 5.491, 39.532

Harmonies

Complementary

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



69, 34.406, 227.370



54, 61.812, 41.730

Rectangle

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



69, 34.406, 227.370



69, 34.406, 277.370



69, 34.406, 47.370



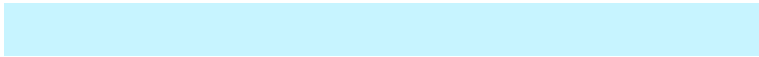
69, 34.406, 97.370

Sweetspot

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



69, 34.405, 227.369



93, 15.635, 220.726



76, 80.387, 142.944



49, 10.411, 220.891



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 34.405, 227.369



78, 42.545, 231.727



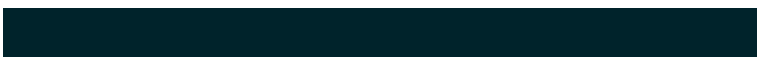
47, 63.165, 289.071



44, 3.632, 220.176



53, 32.572, 235.922



12, 12.648, 227.883

Inverse Universe

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



53, 77.550, 335.662



59, 96.763, 337.037



71, 59.432, 83.997



42, 6.817, 331.184



39, 73.217, 338.256



6, 28.386, 336.007

Previews

White Background



This preview shows how the CIE LCh color 69, 34.406, 227.370 looks on a white background.

Color Contrast Check

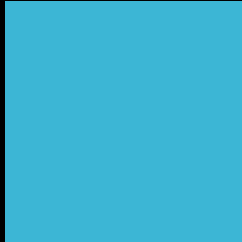
Large Text (above 18pt) WCAG AA × Fail

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 69, 34.406, 227.370 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 69, 34.406, 227.370

Background



This preview shows how black text looks on a background with the CIELCh color 69, 34.406, 227.370.

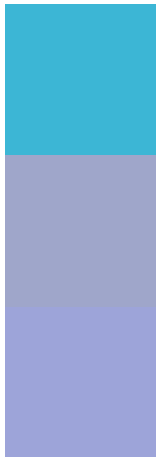


This preview shows how white text looks on a background with the CIELCh color 69, 34.406, 227.370.

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

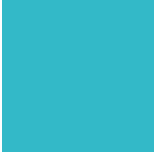
69, 34.406, 227.370

Protanopia

69, 19.886, 285.267

Deuteranopia

69, 29.196, 288.597



Tritanopia
69, 34.836, 210.750

Trichromacy



Original Color
69, 34.406, 227.370



Protanomaly
68, 23.661, 251.381



Deuteranomaly
68, 28.246, 260.765



Tritanomaly
69, 34.440, 216.859

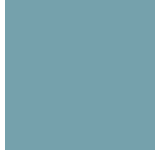
Monochromacy



Original Color
69, 34.406, 227.370



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 15.994, 220.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 34.406, 227.370 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, 182, 213)` looks like.

```
.text, #text, p{  
    color:rgb(60, 182, 213)  
}
```

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, 182, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 182, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 34.406, 227.370 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, 182, 213) }
```

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

```
.border{ border-color:rgb(60, 182, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 182, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 182, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 182, 213);  
box-shadow:4px 4px 4px 4px rgb(60, 182,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 34.406, 227.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 182, 213) }
```

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

```
.background{ background-color: rgb(60, 182,  
213) }
```

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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