

Converting Colors

CIELCh(70, 25.389, 255.117)

Have a look what the booklet for
CIELCh(70, 25.389, 255.117)
contains.

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Color

CIELCh(70, 25.330, 254.413)

Conversions

Conversions Part 1

Format	Color
Hex	7FB1D7
RGB	127, 177, 215
RGB Percent	50%, 69%, 84%
CMY	0.5028, 0.3067, 0.1577
CMYK	0.41, 0.18, 0.00, 0.16
HSL	206°, 52%, 67%
HSV	206°, 41%, 84%
XYZ	36.6366, 40.7494, 70.0734
YIQ	166.3820, -41.9980, 1.2180

Conversions

Conversions Part 2

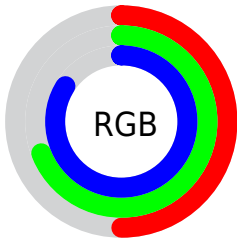
Format	Color
R _Y B	127, 159, 215
Decimal	8368599
CIE Lab	70.00, -6.81, -24.40
CIE LCh	70, 25.330, 254.413
Yxy	40.7494, 0.2485, 0.2763
Android (android.graphics.Color)	4286558679 (0xFF7FB1D7)
YUV	166.3820, 23.9687, -34.5380
Hunter-Lab	63.8353, -9.2662, -20.3993

Details

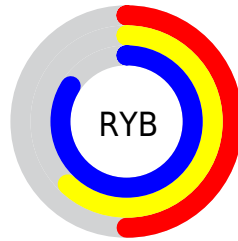
The CIELCh color **70, 25.330, 254.413** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **71, 30.021, 63.211**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 19.325, 235.102**, and **50, 25.071, 253.748** is the 20% darker color. If you saturate the color by 10%, you get **66, 30.936, 256.995**, and if you desaturate by 10%, it is **74, 19.461, 252.274**.

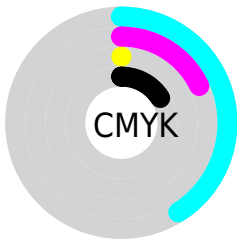
Distribution



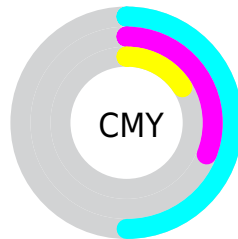
- Red (50%)
- Green (69%)
- Blue (84%)



- Red (50%)
- Yellow (62%)
- Blue (84%)



- Cyan (41%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)





- Cyan (50%)
- Magenta (31%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.330, 254.413 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, 25.330, 254.413 by changing the saturation by 10% instead.


 70, 25.330,
254.413


 70, 25.330,
254.413


 100, 25.330,
254.413


 60, 25.330,
254.413


 90, 25.330,
254.413

 50, 25.330,
254.413

 40, 25.330,
254.413

 30, 25.330,
254.413

 20, 25.330,
254.413

 10, 25.330,
254.413

 0, 25.330, 254.413

70, 25.330,
254.413

70, 25.330,
254.413

66, 30.936,
256.995

74, 19.461,
252.274

63, 36.274,
260.092

78, 13.363,
250.512

59, 41.370,
263.748

82, 7.074, 249.073

56, 46.299,
267.964

86, 0.637, 248.487

90, 5.911, 66.693

53, 51.182,
272.653

93, 12.364, 66.691

50, 55.704,
277.038

96, 14.599, 89.318

98, 18.404,
104.118

99, 20.329,
108.639

Harmonies

Complementary

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



70, 25.330, 254.413



71, 30.021, 63.211

Rectangle

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



70, 25.330, 254.413



70, 25.330, 304.413



70, 25.330, 74.413



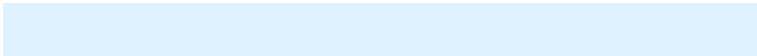
70, 25.330, 124.413

Sweetspot

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



70, 25.329, 254.412



95, 8.885, 249.223



79, 41.488, 155.532



50, 5.885, 249.399



0, 0.000, 0.000



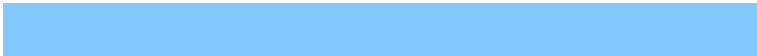
53, 0.007, 296.813

Same Dimension

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



70, 25.329, 254.412



78, 34.284, 256.579



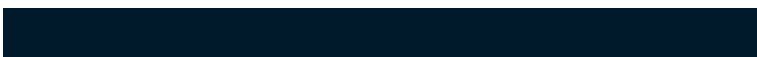
58, 45.747, 292.459



43, 3.659, 248.880



40, 46.324, 276.200



8, 15.539, 265.172

Inverse Universe

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



64, 42.309, 343.889



70, 57.543, 344.923



82, 41.873, 102.302



42, 5.794, 340.843



37, 63.970, 355.465



5, 24.333, 349.553

Previews

White Background



This preview shows how the CIE LCh color 70, 25.330, 254.413 looks on a white background.

Color Contrast Check

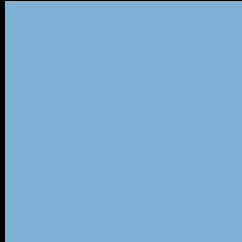
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 70, 25.330, 254.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

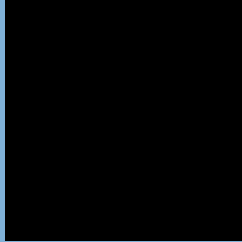
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

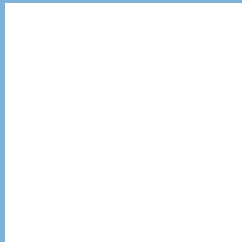
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 25.330, 254.413

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.330, 254.413.

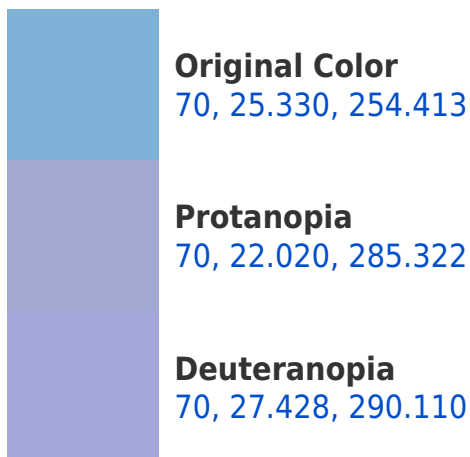


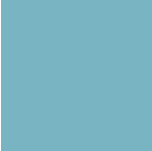
This preview shows how white text looks on a background with the CIELCh color 70, 25.330, 254.413.

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](#).

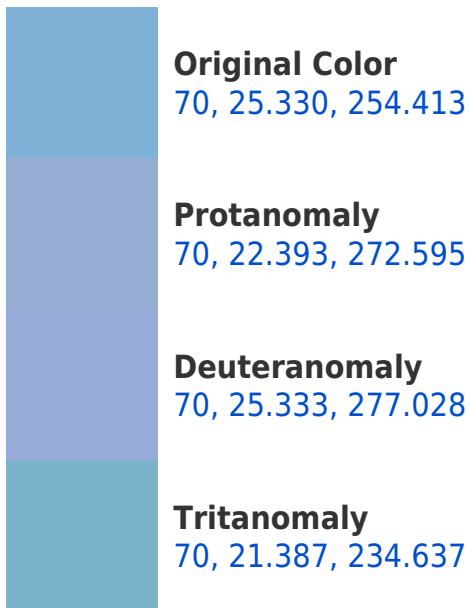
Dichromacy



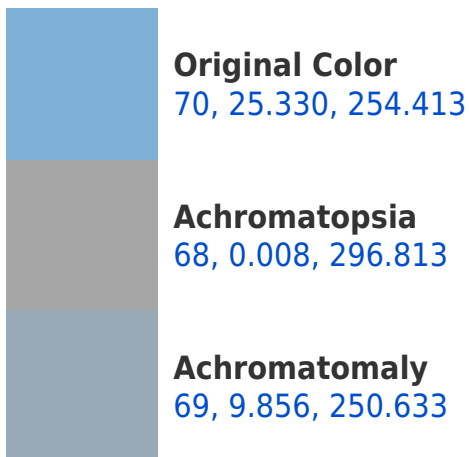


Tritanopia
70, 20.482, 221.890

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.330, 254.413 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(127, 177, 215)` looks like.

```
.text, #text, p{  
    color:rgb(127, 177, 215)  
}
```

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(127, 177, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 177, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.330, 254.413 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(127, 177, 215) }
```

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

```
.border{ border-color:rgb(127, 177, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 177, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 177, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 177, 215); box-shadow:4px 4px 4px 4px rgb(127, 177, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.330, 254.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 177, 215) }
```

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

```
.background{ background-color: rgb(127,  
177, 215) }
```

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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