

Converting Colors

CIELCh(70, 21.350, 252.602)

Have a look what the booklet for
CIELCh(70, 21.350, 252.602)
contains.

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Color

CIELCh(70, 21.641, 253.280)

Conversions

Conversions Part 1

Format	Color
Hex	86B0D0
RGB	134, 176, 208
RGB Percent	53%, 69%, 82%
CMY	0.4739, 0.3092, 0.1837
CMYK	0.36, 0.15, 0.00, 0.18
HSL	206°, 44%, 67%
HSV	206°, 36%, 82%
XYZ	36.8121, 40.7494, 65.6969
YIQ	167.0900, -35.3040, 1.0480

Conversions

Conversions Part 2

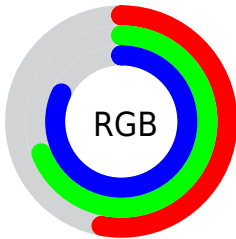
Format	Color
RYB	134, 161, 208
Decimal	8827088
CIELab	70.00, -6.23, -20.73
CIELCh	70, 21.641, 253.280
Yxy	40.7494, 0.2570, 0.2844
Android (android.graphics.Color)	4287017168 (0xFF86B0D0)
YUV	167.0900, 20.1686, -29.0199
Hunter-Lab	63.8353, -8.7754, -16.3344

Details

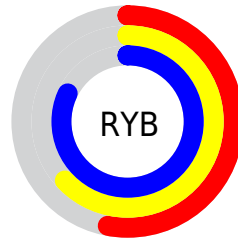
The CIELCh color `70, 21.641, 253.280` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `71, 24.988, 63.868`, and the grayscale version is `69, 0.008, 296.813`.

A 20% lighter version of the original color is `90, 18.002, 240.601`, and `50, 21.707, 253.019` is the 20% darker color. If you saturate the color by 10%, you get `66, 27.255, 255.604`, and if you desaturate by 10%, it is `74, 15.788, 251.356`.

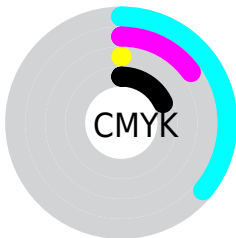
Distribution



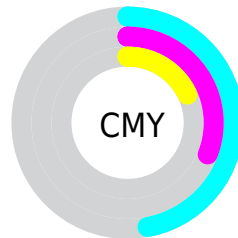
- Red (53%)
- Green (69%)
- Blue (82%)



- Red (53%)
- Yellow (63%)
- Blue (82%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)





- Cyan (47%)
- Magenta (31%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 21.641, 253.280 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, 21.641, 253.280 by changing the saturation by 10% instead.


 70, 21.641,
253.280


 70, 21.641,
253.280


 100, 21.641,
253.280


 60, 21.641,
253.280


 90, 21.641,
253.280

 50, 21.641,
253.280

 40, 21.641,
253.280

 30, 21.641,
253.280

 20, 21.641,
253.280

 10, 21.641,
253.280

 0, 21.641, 253.280

70, 21.641,
253.280

70, 21.641,
253.280

66, 27.255,
255.604

74, 15.788,
251.356

63, 32.610,
258.406

78, 9.732, 249.776

81, 3.515, 248.529

59, 37.711,
261.744

85, 2.826, 67.145

56, 42.606,
265.646

89, 9.254, 66.321

53, 47.387,
270.078

93, 14.699, 69.849

95, 16.935, 88.380

50, 52.189,
274.907

97, 20.469,
101.424

49, 54.395,
277.021

99, 23.656,
108.384

Harmonies

Complementary

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



70, 21.641, 253.280



71, 24.988, 63.868

Rectangle

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



70, 21.641, 253.280



70, 21.641, 303.280



70, 21.641, 73.280



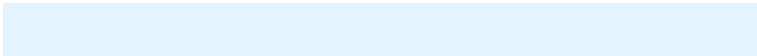
70, 21.641, 123.280

Sweetspot

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



70, 21.640, 253.278



95, 8.157, 249.177



78, 35.296, 156.179



50, 5.473, 249.356



0, 0.000, 0.000



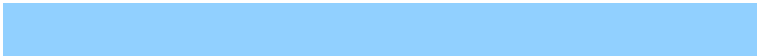
53, 0.007, 296.813

Same Dimension

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



70, 21.640, 253.278



81, 30.446, 255.091



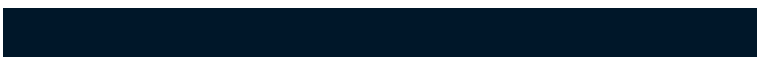
60, 38.279, 291.440



42, 3.589, 248.962



40, 45.832, 276.227



7, 14.775, 264.762

Inverse Universe

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



65, 35.887, 343.322



74, 50.904, 344.213



80, 35.567, 102.879



41, 5.677, 340.876



36, 63.259, 355.484



5, 22.591, 349.486

Previews

White Background



This preview shows how the CIE LCh color 70, 21.641, 253.280 looks on a white background.

Color Contrast Check

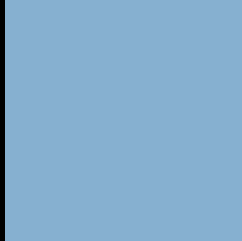
Large Text (above 18pt) WCAG AA × Fail

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, 21.641, 253.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

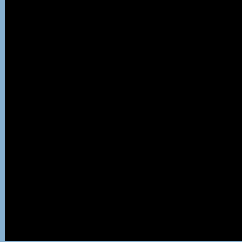
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

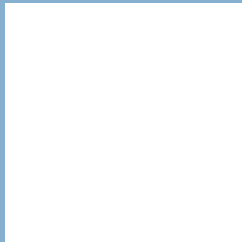
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 21.641, 253.280

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.641, 253.280.

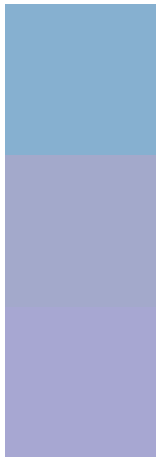


This preview shows how white text looks on a background with the CIELCh color 70, 21.641, 253.280.

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, 21.641, 253.280

Protanopia

70, 18.706, 285.709

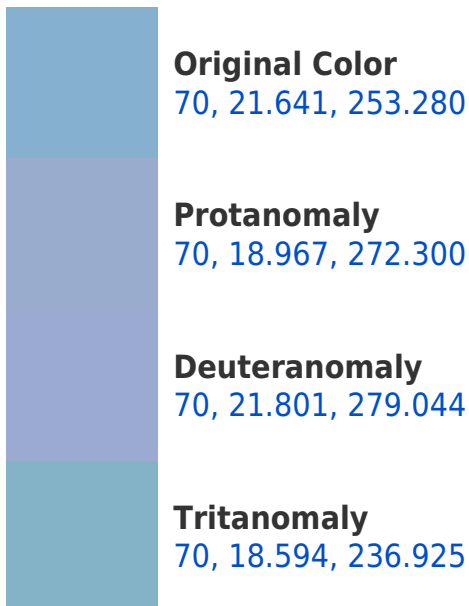
Deuteranopia

70, 23.597, 292.496

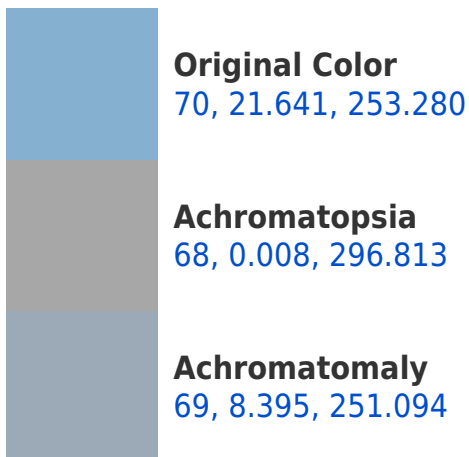


Tritanopia
70, 17.725, 224.067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.641, 253.280 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(134, 176, 208)` looks like.

```
.text, #text, p{  
    color:rgb(134, 176, 208)  
}
```

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(134, 176, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 176, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.641, 253.280 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(134, 176, 208) }
```

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

```
.border{ border-color:rgb(134, 176, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 176, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 176, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 176, 208);  
box-shadow:4px 4px 4px 4px rgb(134, 176,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.641, 253.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 176, 208) }
```

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

```
.background{ background-color: rgb(134,  
176, 208) }
```

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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