

Converting Colors

CIELCh(70, 41.554, 255.239)

Have a look what the booklet for
CIELCh(70, 41.554, 255.239)
contains.

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Color

CIELCh(70, 41.479, 255.307)

Conversions

Conversions Part 1

Format	Color
Hex	4BB4F3
RGB	75, 180, 243
RGB Percent	29%, 71%, 95%
CMY	0.7044, 0.2931, 0.0459
CMYK	0.69, 0.26, 0.00, 0.05
HSL	203°, 88%, 62%
HSV	203°, 69%, 95%
XYZ	35.5261, 40.7494, 91.0127
YIQ	155.7870, -82.8030, -2.6670

Conversions

Conversions Part 2

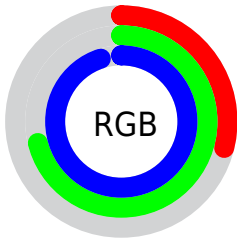
Format	Color
R _{YB}	75, 140, 243
Decimal	4961523
CIE Lab	70.00, -10.52, -40.12
CIE LCh	70, 41.479, 255.307
Yxy	40.7494, 0.2124, 0.2436
Android (android.graphics.Color)	4283151603 (0xFF4BB4F3)
YUV	155.7870, 42.9960, -70.8502
Hunter-Lab	63.8353, -12.3716, -39.8476

Details

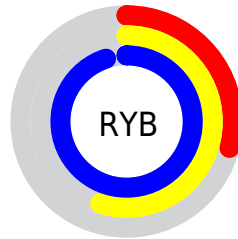
The CIELCh color **70, 41.479, 255.307** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **68, 61.054, 55.150**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 29.464, 217.576**, and **50, 40.167, 259.953** is the 20% darker color. If you saturate the color by 10%, you get **67, 45.953, 259.427**, and if you desaturate by 10%, it is **73, 36.632, 251.825**.

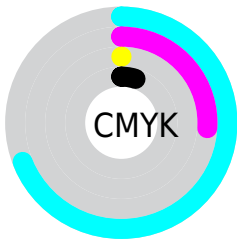
Distribution



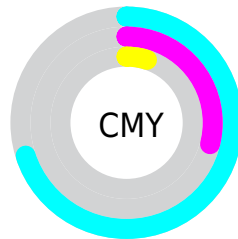
- Red (29%)
- Green (71%)
- Blue (95%)



- Red (29%)
- Yellow (55%)
- Blue (95%)



- Cyan (69%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)





- Cyan (70%)
- Magenta (29%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 41.479, 255.307 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, 41.479, 255.307 by changing the saturation by 10% instead.


 70, 41.479,
255.307


 70, 41.479,
255.307


 100, 41.479,
255.307


 60, 41.479,
255.307


 90, 41.479,
255.307

 50, 41.479,
255.307

 40, 41.479,
255.307

 30, 41.479,
255.307

 20, 41.479,
255.307

 10, 41.479,
255.307

 0, 41.479, 255.307

70, 41.479,
255.307

70, 41.479,
255.307

67, 45.953,
259.427

73, 36.632,
251.825

64, 50.189,
264.146

77, 31.352,
248.942

61, 54.394,
269.261

81, 25.634,
246.586

61, 54.822,
269.750

84, 19.514,
244.674

88, 13.046,
243.130

92, 6.292, 241.907

96, 0.687, 60.010

99, 5.107, 103.037

100, 5.928,
109.722

Harmonies

Complementary

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



70, 41.479, 255.307



68, 61.054, 55.150

Rectangle

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



70, 41.479, 255.307



70, 41.479, 305.307



70, 41.479, 75.307



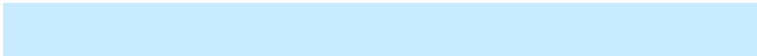
70, 41.479, 125.307

Sweetspot

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



70, 41.478, 255.307



91, 14.908, 243.418



86, 76.179, 149.179



47, 10.036, 243.830



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, 41.478, 255.307



68, 49.478, 261.336



48, 84.736, 297.037



49, 3.982, 241.957



47, 44.293, 268.819



13, 17.945, 260.782

Inverse Universe

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



59, 75.418, 344.513



58, 85.894, 347.103



88, 71.201, 96.448



48, 6.728, 338.166



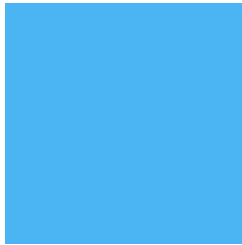
41, 69.788, 350.819



9, 31.886, 346.835

Previews

White Background



This preview shows how the CIELCh color 70, 41.479, 255.307 looks on a white background.

Color Contrast Check

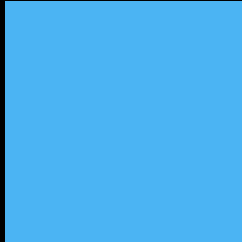
Large Text (above 18pt) WCAG AA × Fail

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, 41.479, 255.307 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

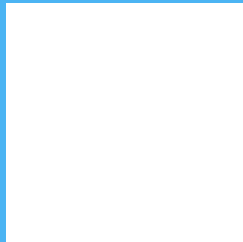
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 41.479, 255.307

Background



This preview shows how black text looks on a background with the CIELCh color 70, 41.479, 255.307.

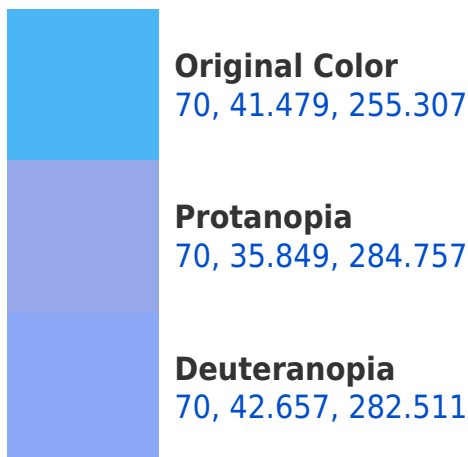


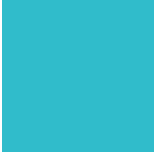
This preview shows how white text looks on a background with the CIELCh color 70, 41.479, 255.307.

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, 35.690, 210.339

Trichromacy



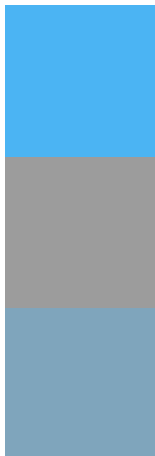
Original Color
70, 41.479, 255.307

Protanomaly
69, 37.591, 271.720

Deuteranomaly
70, 41.576, 271.881

Tritanomaly
70, 35.401, 228.422

Monochromacy



Original Color
70, 41.479, 255.307

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 17.600, 245.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 41.479, 255.307 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(75, 180, 243)` looks like.

```
.text, #text, p{  
    color:rgb(75, 180, 243)  
}
```

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(75, 180, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 180, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 41.479, 255.307 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(75, 180, 243) }
```

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

```
.border{ border-color:rgb(75, 180, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 180, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 180, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 180, 243);  
box-shadow:4px 4px 4px 4px rgb(75, 180,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 41.479, 255.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 180, 243) }
```

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

```
.background{ background-color: rgb(75, 180,  
243) }
```

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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