

Converting Colors

CIELCh(70, 29.299, 264.637)

Have a look what the booklet for
CIELCh(70, 29.299, 264.637)
contains.

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Color

CIELCh(70, 29.499, 265.150)

Conversions

Conversions Part 1

Format	Color
Hex	82AFE0
RGB	130, 175, 224
RGB Percent	51%, 69%, 88%
CMY	0.4905, 0.3140, 0.1219
CMYK	0.42, 0.22, 0.00, 0.12
HSL	211°, 60%, 69%
HSV	211°, 42%, 88%
XYZ	37.9546, 40.7494, 76.3320
YIQ	167.1310, -42.5490, 5.6990

Conversions

Conversions Part 2

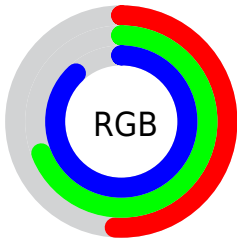
Format	Color
R _Y B	130, 160, 224
Decimal	8564704
CIE Lab	70.00, -2.49, -29.39
CIE LCh	70, 29.499, 265.150
Yxy	40.7494, 0.2448, 0.2628
Android (android.graphics.Color)	4286754784 (0xFF82AFE0)
YUV	167.1310, 28.0364, -32.5639
Hunter-Lab	63.8353, -5.5809, -26.2123

Details

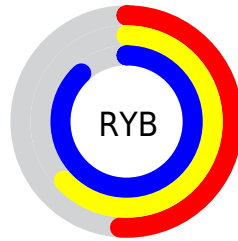
The CIELCh color `70, 29.499, 265.150` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `76, 32.744, 72.295`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `89, 18.868, 242.635`, and `50, 29.581, 265.115` is the 20% darker color. If you saturate the color by 10%, you get `66, 36.311, 267.851`, and if you desaturate by 10%, it is `74, 22.592, 262.868`.

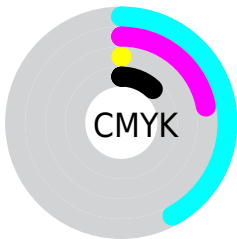
Distribution



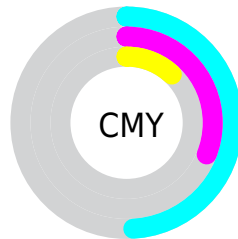
- Red (51%)
- Green (69%)
- Blue (88%)



- Red (51%)
- Yellow (63%)
- Blue (88%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (31%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 29.499, 265.150 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, 29.499, 265.150 by changing the saturation by 10% instead.

■ 70, 29.499,
265.150

■ 70, 29.499,
265.150

■ 100, 29.499,
265.150

■ 60, 29.499,
265.150

■ 90, 29.499,
265.150

■ 50, 29.499,
265.150

■ 40, 29.499,
265.150

■ 30, 29.499,
265.150

■ 20, 29.499,
265.150

■ 10, 29.499,
265.150

■ 0, 29.499, 265.150

70, 29.499,
265.150

70, 29.499,
265.150

66, 36.311,
267.851

74, 22.592,
262.868

61, 43.049,
271.020

79, 15.597,
260.950

57, 49.761,
274.669

84, 8.531, 259.347

53, 56.529,
278.756

88, 1.418, 258.197

93, 5.720, 76.691

50, 63.446,
283.151

97, 11.318, 90.389

47, 69.167,
286.676

99, 15.720,
108.989

Harmonies

Complementary

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



70, 29.499, 265.150



76, 32.744, 72.295

Rectangle

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



70, 29.499, 265.150



70, 29.499, 315.150



70, 29.499, 85.150



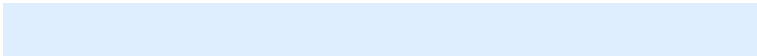
70, 29.499, 135.150

Sweetspot

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



70, 29.498, 265.149



93, 10.286, 259.511



83, 40.437, 160.304



49, 7.192, 259.849



0, 0.000, 0.000



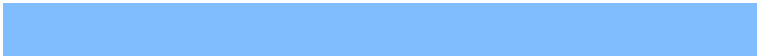
53, 0.007, 296.813

Same Dimension

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



70, 29.498, 265.149



75, 38.850, 267.384



58, 53.370, 296.409



45, 4.055, 258.989



37, 56.826, 285.918



8, 19.655, 276.804

Inverse Universe

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



66, 42.572, 349.190



70, 55.863, 350.433



87, 47.785, 106.910



44, 5.665, 345.571



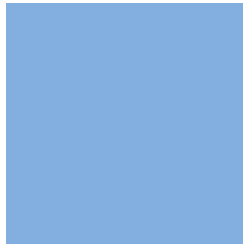
38, 64.000, 3.854



6, 26.230, 356.297

Previews

White Background



This preview shows how the CIELCh color 70, 29.499, 265.150 looks on a white background.

Color Contrast Check

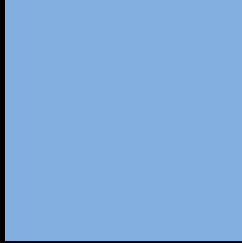
Large Text (above 18pt) WCAG AA × Fail

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, 29.499, 265.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

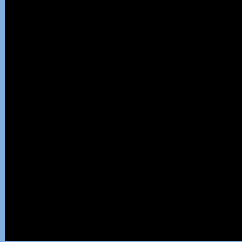
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

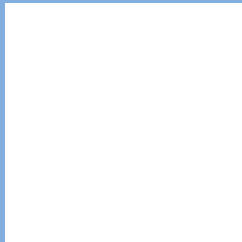
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 29.499, 265.150

Background



This preview shows how black text looks on a background with the CIELCh color 70, 29.499, 265.150.



This preview shows how white text looks on a background with the CIELCh color 70, 29.499, 265.150.

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, 29.499, 265.150

Protanopia

70, 27.554, 284.727

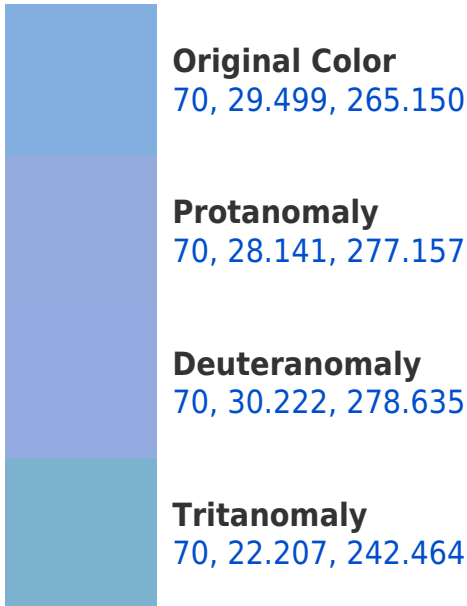
Deuteranopia

70, 31.327, 286.790

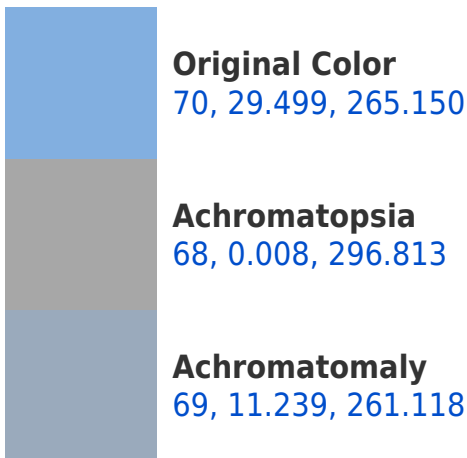


Tritanopia
70, 20.227, 222.225

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 29.499, 265.150 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(130, 175, 224)` looks like.

```
.text, #text, p{  
    color:rgb(130, 175, 224)  
}
```

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(130, 175, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 175, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 29.499, 265.150 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(130, 175, 224) }
```

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

```
.border{ border-color:rgb(130, 175, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 175, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 175, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 175, 224);  
box-shadow:4px 4px 4px 4px rgb(130, 175,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 29.499, 265.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 175, 224) }
```

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

```
.background{ background-color: rgb(130,  
175, 224) }
```

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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