

Converting Colors

CIELCh(70, 29.082, 274.100)

Have a look what the booklet for
CIELCh(70, 29.082, 274.100)
contains.

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Color

CIELCh(70, 29.082, 274.100)

Conversions

Conversions Part 1

Format	Color
Hex	8EACDF
RGB	142, 172, 223
RGB Percent	56%, 67%, 87%
CMY	0.4419, 0.3242, 0.1242
CMYK	0.36, 0.23, 0.00, 0.12
HSL	218°, 56%, 72%
HSV	218°, 36%, 88%
XYZ	39.3865, 40.7494, 75.8359
YIQ	168.8440, -34.2510, 9.5010

Conversions

Conversions Part 2

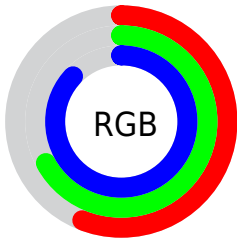
Format	Color
RYB	142, 164, 223
Decimal	9350367
CIELab	70.00, 2.08, -29.01
CIELCh	70, 29.082, 274.100
Yxy	40.7494, 0.2525, 0.2613
Android (android.graphics.Color)	4287540447 (0xFF8EACDF)
YUV	168.8440, 26.6989, -23.5422
Hunter-Lab	63.8353, -1.5768, -25.7514

Details

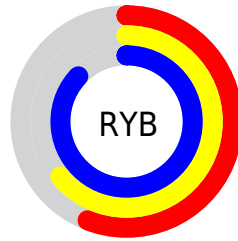
The CIELCh color **70, 29.082, 274.100** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **80, 29.832, 83.271**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 17.134, 257.767**, and **50, 29.269, 274.039** is the 20% darker color. If you saturate the color by 10%, you get **65, 37.307, 276.465**, and if you desaturate by 10%, it is **75, 20.952, 272.081**.

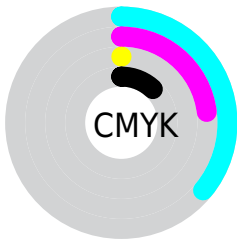
Distribution



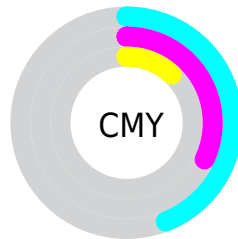
- Red (56%)
- Green (67%)
- Blue (87%)



- Red (56%)
- Yellow (64%)
- Blue (87%)



- Cyan (36%)
- Magenta (23%)
- Yellow (0%)
- Black (12%)



- Cyan (44%)
- Magenta (32%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 29.082, 274.100 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, 29.082, 274.100 by changing the saturation by 10% instead.

■ 70, 29.082,
274.100

■ 70, 29.082,
274.100

■ 100, 29.082,
274.100

■ 60, 29.082,
274.100

■ 90, 29.082,
274.100

■ 50, 29.082,
274.100

■ 40, 29.082,
274.100

■ 30, 29.082,
274.100

■ 20, 29.082,
274.100

■ 10, 29.082,
274.100

■ 0, 29.082, 274.100

70, 29.082,
274.100

70, 29.082,
274.100

65, 37.307,
276.465

75, 20.952,
272.081

60, 45.656,
279.218

80, 12.910,
270.366

55, 54.168,
282.372

86, 4.954, 268.930

50, 62.892,
285.896

91, 2.911, 87.508

96, 10.681, 86.489

46, 71.847,
289.683

99, 16.019,
108.967

42, 80.962,
293.540

40, 84.374,
294.888

Harmonies

Complementary

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



70, 29.082, 274.100



80, 29.832, 83.271

Rectangle

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



70, 29.082, 274.100



70, 29.082, 324.100



70, 29.082, 94.100



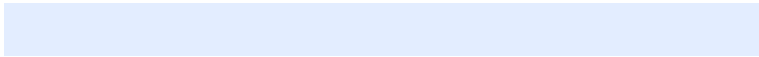
70, 29.082, 144.100

Sweetspot

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



70, 29.081, 274.099



94, 9.693, 269.584



83, 32.432, 166.763



49, 6.517, 269.783



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, 29.081, 274.099



74, 39.458, 275.975



63, 45.542, 298.517



44, 4.507, 269.353



32, 69.422, 294.261



6, 23.013, 284.690

Inverse Universe

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



68, 34.836, 355.345



72, 47.117, 356.619



87, 41.653, 111.886



44, 5.297, 352.101



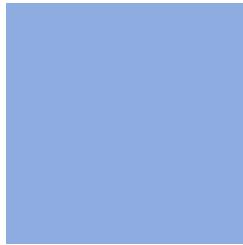
37, 64.596, 14.328



6, 25.556, 3.631

Previews

White Background



This preview shows how the CIELCh color 70, 29.082, 274.100 looks on a white background.

Color Contrast Check

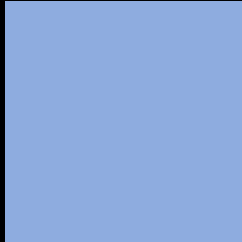
Large Text (above 18pt) WCAG AA × Fail

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, 29.082, 274.100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

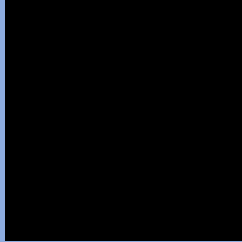
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

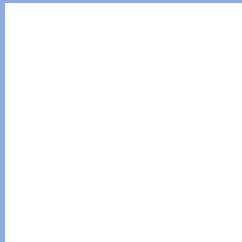
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 29.082, 274.100

Background



This preview shows how black text looks on a background with the CIELCh color 70, 29.082, 274.100.



This preview shows how white text looks on a background with the CIELCh color 70, 29.082, 274.100.

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, 29.082, 274.100

Protanopia

70, 28.630, 285.180

Deuteranopia

70, 30.761, 287.188



Tritanopia
70, 16.126, 226.974

Trichromacy



Original Color
70, 29.082, 274.100

Protanomaly
70, 28.857, 281.472

Deuteranomaly
70, 29.918, 282.049

Tritanomaly
70, 18.956, 250.391

Monochromacy



Original Color
70, 29.082, 274.100

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 11.036, 270.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 29.082, 274.100 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(142, 172, 223)` looks like.

```
.text, #text, p{  
    color:rgb(142, 172, 223)  
}
```

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(142, 172, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 172, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 29.082, 274.100 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(142, 172, 223) }
```

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

```
.border{ border-color:rgb(142, 172, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 172, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 172, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 172, 223);  
box-shadow:4px 4px 4px 4px rgb(142, 172,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 29.082, 274.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 172, 223) }
```

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

```
.background{ background-color: rgb(142,  
172, 223) }
```

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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