

Converting Colors

CIELCh(70, 24.752, 267.978)

Have a look what the booklet for
CIELCh(70, 24.752, 267.978)
contains.

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Color

CIELCh(70, 24.758, 268.047)

Conversions

Conversions Part 1

Format	Color
Hex	8EAED8
RGB	142, 174, 216
RGB Percent	56%, 68%, 85%
CMY	0.4449, 0.3194, 0.1547
CMYK	0.34, 0.19, 0.00, 0.15
HSL	214°, 48%, 70%
HSV	214°, 34%, 85%
XYZ	38.4672, 40.7494, 70.4945
YIQ	169.2200, -32.5540, 6.2780

Conversions

Conversions Part 2

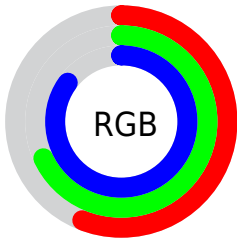
Format	Color
R _Y B	142, 164, 216
Decimal	9350872
CIE Lab	70.00, -0.84, -24.74
CIE LCh	70, 24.758, 268.047
Yxy	40.7494, 0.2569, 0.2722
Android (android.graphics.Color)	4287540952 (0xFF8EAED8)
YUV	169.2200, 23.0625, -23.8719
Hunter-Lab	63.8353, -4.1474, -20.7904

Details

The CIELCh color **70, 24.758, 268.047** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **76, 26.203, 77.852**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.819, 252.845**, and **50, 24.613, 267.717** is the 20% darker color. If you saturate the color by 10%, you get **65, 31.958, 270.394**, and if you desaturate by 10%, it is **75, 17.546, 266.056**.

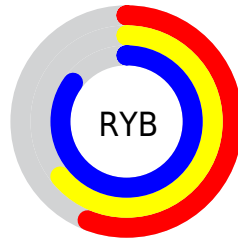
Distribution



Red (56%)

Green (68%)

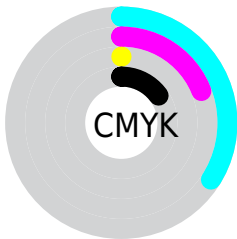
Blue (85%)



Red (56%)

Yellow (64%)

Blue (85%)

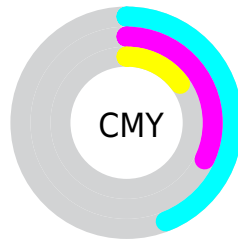


Cyan (34%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (44%)

Magenta (32%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 24.758, 268.047 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, 24.758, 268.047 by changing the saturation by 10% instead.

■ 70, 24.758,
268.047

■ 70, 24.758,
268.047

■ 100, 24.758,
268.047

■ 60, 24.758,
268.047

■ 90, 24.758,
268.047

■ 50, 24.758,
268.047

■ 40, 24.758,
268.047

■ 30, 24.758,
268.047

■ 20, 24.758,
268.047

■ 10, 24.758,
268.047

■ 0, 24.758, 268.047

70, 24.758,
268.047

70, 24.758,
268.047

65, 31.958,
270.394

75, 17.546,
266.056

61, 39.159,
273.150

79, 10.329,
264.376

56, 46.390,
276.345

84, 3.119, 263.010

52, 53.708,
279.972

89, 4.069, 81.590

94, 11.221, 80.581

48, 61.179,
283.958

97, 16.239, 98.354

44, 68.852,
288.145

99, 19.943,
108.668

42, 73.305,
290.449

Harmonies

Complementary

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



70, 24.758, 268.047



76, 26.203, 77.852

Rectangle

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



70, 24.758, 268.047



70, 24.758, 318.047



70, 24.758, 88.047



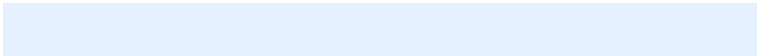
70, 24.758, 138.047

Sweetspot

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



70, 24.757, 268.046



95, 8.265, 263.753



81, 31.118, 164.018



50, 5.639, 263.956



0, 0.000, 0.000



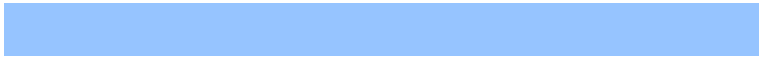
53, 0.007, 296.813

Same Dimension

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



70, 24.757, 268.046



78, 33.885, 269.665



62, 41.642, 296.661



43, 4.072, 263.658



34, 60.616, 289.746



6, 18.868, 278.517

Inverse Universe

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



67, 32.970, 351.008



74, 45.146, 351.987



84, 38.249, 109.838



42, 5.293, 348.236



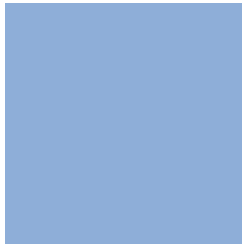
36, 62.563, 8.187



5, 22.947, 358.663

Previews

White Background



This preview shows how the CIELCh color 70, 24.758, 268.047 looks on a white background.

Color Contrast Check

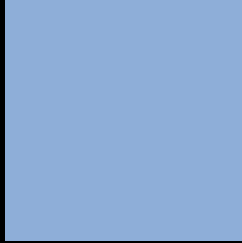
Large Text (above 18pt) WCAG AA × Fail

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, 24.758, 268.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

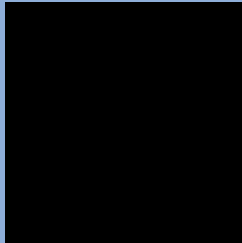
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

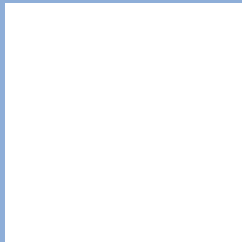
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 24.758, 268.047

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.758, 268.047.

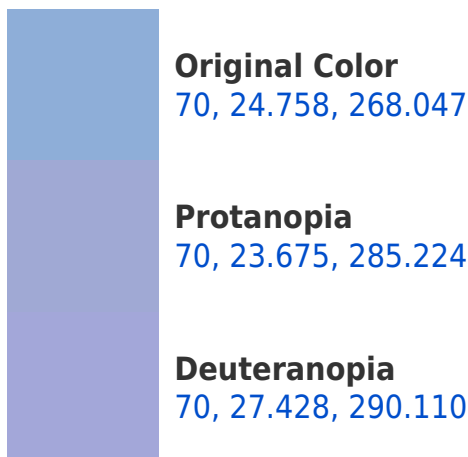


This preview shows how white text looks on a background with the CIELCh color 70, 24.758, 268.047.

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, 15.857, 227.520

Trichromacy



Original Color
70, 24.758, 268.047

Protanomaly
70, 23.556, 277.906

Deuteranomaly
70, 26.027, 282.601

Tritanomaly
70, 18.199, 247.863

Monochromacy



Original Color
70, 24.758, 268.047

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.177, 263.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 24.758, 268.047 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, 174, 216)` looks like.

```
.text, #text, p{  
    color:rgb(142, 174, 216)  
}
```

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, 174, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 174, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.758, 268.047 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, 174, 216) }
```

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

```
.border{ border-color:rgb(142, 174, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 174, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 174, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 174, 216);  
box-shadow:4px 4px 4px 4px rgb(142, 174,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.758, 268.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 174, 216) }
```

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

```
.background{ background-color: rgb(142,  
174, 216) }
```

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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