

Converting Colors

CIELCh(69, 26.719, 263.272)

Have a look what the booklet for
CIELCh(69, 26.719, 263.272)
contains.

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Color

CIELCh(69, 26.907, 263.566)

Conversions

Conversions Part 1

Format	Color
Hex	82ACD8
RGB	130, 172, 216
RGB Percent	51%, 67%, 85%
CMY	0.4891, 0.3244, 0.1519
CMYK	0.40, 0.20, 0.00, 0.15
HSL	211°, 53%, 68%
HSV	211°, 40%, 85%
XYZ	36.4800, 39.3444, 70.8247
YIQ	164.4580, -39.1560, 4.7800

Conversions

Conversions Part 2

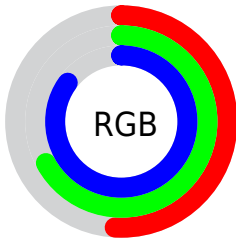
Format	Color
RYB	130, 158, 216
Decimal	8563928
CIELab	69.00, -3.02, -26.74
CIELCh	69, 26.907, 263.566
Yxy	39.3444, 0.2488, 0.2683
Android (android.graphics.Color)	4286754008 (0xFF82ACD8)
YUV	164.4580, 25.4102, -30.2197
Hunter-Lab	62.7251, -5.9560, -23.0385

Details

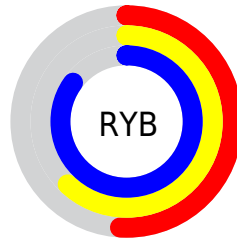
The CIELCh color **69, 26.907, 263.566** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **74, 29.887, 71.641**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 19.305, 248.324**, and **49, 26.838, 263.418** is the 20% darker color. If you saturate the color by 10%, you get **65, 33.437, 266.162**, and if you desaturate by 10%, it is **73, 20.266, 261.378**.

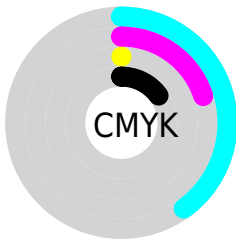
Distribution



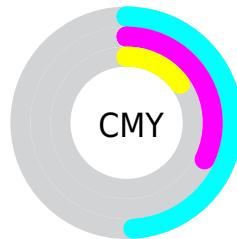
- Red (51%)
- Green (67%)
- Blue (85%)



- Red (51%)
- Yellow (62%)
- Blue (85%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (15%)





- Cyan (49%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 26.907, 263.566 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 69, 26.907, 263.566 by changing the saturation by 10% instead.

 69, 26.907,
263.566

 69, 26.907,
263.566


 100, 26.907,
263.566


 59, 26.907,
263.566


 89, 26.907,
263.566

 49, 26.907,
263.566

 99, 26.907,
263.566

 39, 26.907,
263.566

 29, 26.907,
263.566

 19, 26.907,
263.566

 9, 26.907, 263.566

 0, 26.907, 263.566

69, 26.907,
263.566

69, 26.907,
263.566

65, 33.437,
266.162

73, 20.266,
261.378

61, 39.869,
269.220

78, 13.529,
259.544

57, 46.240,
272.767

82, 6.714, 258.019

53, 52.624,
276.777

87, 0.153, 74.157

91, 7.047, 75.473

49, 59.116,
281.146

95, 12.954, 81.410

46, 65.818,
285.601

98, 17.086,
102.331

46, 65.978,
285.699

99, 19.574,
108.696

Harmonies

Complementary

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



69, 26.907, 263.566



74, 29.887, 71.641

Rectangle

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



69, 26.907, 263.566



69, 26.907, 313.566



69, 26.907, 83.566



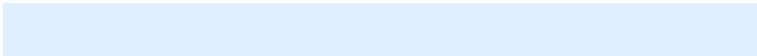
69, 26.907, 133.566

Sweetspot

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



69, 26.906, 263.565



94, 9.419, 258.349



80, 37.885, 159.720



49, 6.244, 258.543



0, 0.000, 0.000



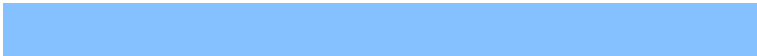
53, 0.007, 296.813

Same Dimension

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



69, 26.906, 263.565



76, 36.895, 265.794



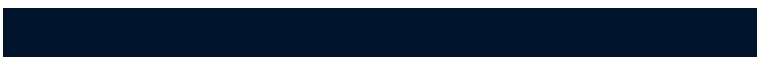
58, 48.913, 295.518



43, 3.872, 257.971



36, 54.446, 284.923



6, 17.488, 274.015

Inverse Universe

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



65, 39.456, 348.307



71, 54.038, 349.523



85, 44.127, 106.356



42, 5.487, 345.036



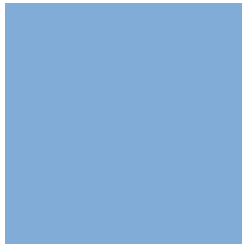
37, 62.697, 2.838



5, 23.414, 355.053

Previews

White Background



This preview shows how the CIELCh color 69, 26.907, 263.566 looks on a white background.

Color Contrast Check

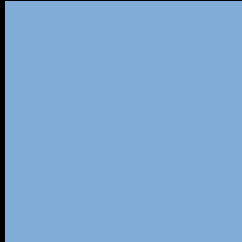
Large Text (above 18pt) WCAG AA × Fail

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 69, 26.907, 263.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

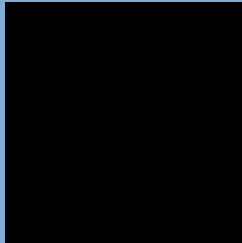
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

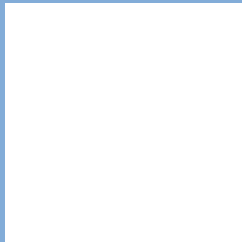
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 26.907, 263.566

Background



This preview shows how black text looks on a background with the CIELCh color 69, 26.907, 263.566.

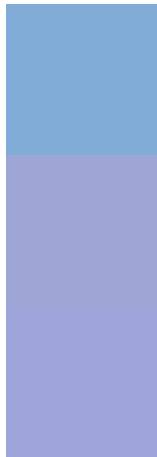


This preview shows how white text looks on a background with the CIELCh color 69, 26.907, 263.566.

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

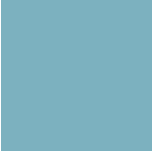
69, 26.907, 263.566

Protanopia

69, 25.378, 285.957

Deuteranopia

69, 29.184, 287.952



Tritanopia
69, 18.796, 222.476

Trichromacy



Original Color
69, 26.907, 263.566

Protanomaly
69, 25.931, 277.524

Deuteranomaly
69, 27.502, 278.690

Tritanomaly
69, 20.471, 240.911

Monochromacy



Original Color
69, 26.907, 263.566

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 10.341, 257.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 26.907, 263.566 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, 172, 216)` looks like.

```
.text, #text, p{  
    color:rgb(130, 172, 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(130, 172, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 172, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 26.907, 263.566 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, 172, 216) }
```

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

```
.border{ border-color:rgb(130, 172, 216) }
```

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

Here you see how a box with a 4 pixel rgb(130, 172, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 172, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 172, 216);  
box-shadow:4px 4px 4px 4px rgb(130, 172,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 26.907, 263.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 172, 216) }
```

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

```
.background{ background-color: rgb(130,  
172, 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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