

Converting Colors

CIELCh(68, 22.654, 271.134)

Have a look what the booklet for
CIELCh(68, 22.654, 271.134)
contains.

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Color

CIELCh(68, 22.694, 271.222)

Conversions

Conversions Part 1

Format	Color
Hex	8EA7CE
RGB	142, 167, 206
RGB Percent	56%, 65%, 81%
CMY	0.4421, 0.3441, 0.1911
CMYK	0.31, 0.19, 0.00, 0.19
HSL	217°, 40%, 68%
HSV	217°, 31%, 81%
XYZ	36.2362, 37.9720, 63.9797
YIQ	163.9710, -27.4190, 6.8290

Conversions

Conversions Part 2

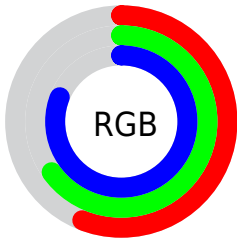
Format	Color
R _Y B	142, 160, 206
Decimal	9349070
CIE Lab	68.00, 0.48, -22.69
CIE LCh	68, 22.694, 271.222
Yxy	37.9720, 0.2622, 0.2748
Android (android.graphics.Color)	4287539150 (0xFF8EA7CE)
YUV	163.9710, 20.7203, -19.2686
Hunter-Lab	61.6215, -2.8715, -18.4240

Details

The CIELCh color `68, 22.694, 271.222` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `75, 23.404, 82.214`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 18.836, 265.959`, and `48, 22.962, 272.012` is the 20% darker color. If you saturate the color by 10%, you get `63, 30.115, 273.403`, and if you desaturate by 10%, it is `73, 15.325, 269.364`.

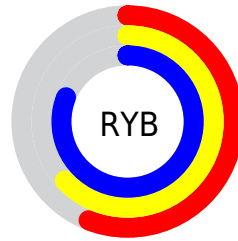
Distribution



Red (56%)

Green (65%)

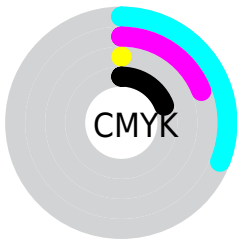
Blue (81%)



Red (56%)

Yellow (63%)

Blue (81%)

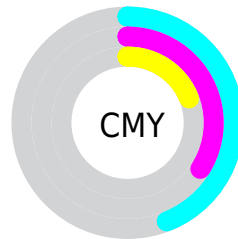


Cyan (31%)

Magenta (19%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (34%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 22.694, 271.222 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 68, 22.694, 271.222 by changing the saturation by 10% instead.

 68, 22.694,
271.222


 68, 22.694,
271.222


 100, 22.694,
271.222


 58, 22.694,
271.222

 88, 22.694,
271.222

 48, 22.694,
271.222

 98, 22.694,
271.222

 38, 22.694,
271.222

 28, 22.694,
271.222

 18, 22.694,
271.222

 8, 22.694, 271.222

 0, 22.694, 271.222

68, 22.694,
271.222

68, 22.694,
271.222

63, 30.115,
273.403

73, 15.325,
269.364

59, 37.604,
275.957

78, 8.010, 267.794

82, 0.754, 266.783

54, 45.187,
278.916

87, 6.435, 85.185

50, 52.909,
282.281

92, 13.548, 84.197

45, 60.818,
285.994

96, 19.133, 94.713

99, 24.602,
108.312

42, 68.931,
289.922

38, 76.337,
293.373

Harmonies

Complementary

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



68, 22.694, 271.222



75, 23.404, 82.214

Rectangle

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



68, 22.694, 271.222



68, 22.694, 321.222



68, 22.694, 91.222



68, 22.694, 141.222

Sweetspot

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



68, 22.693, 271.220



95, 7.757, 267.524



78, 26.563, 166.378



50, 5.393, 267.730



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 22.693, 271.220



79, 32.214, 272.582



62, 36.106, 297.277



40, 4.079, 267.562



31, 63.815, 292.733



4, 17.190, 279.080

Inverse Universe

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



66, 28.107, 353.251



76, 39.944, 354.135



81, 33.522, 111.582



40, 4.955, 350.800



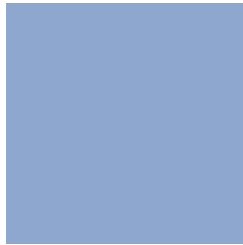
35, 61.483, 12.110



4, 19.028, 0.070

Previews

White Background



This preview shows how the CIELCh color 68, 22.694, 271.222 looks on a white background.

Color Contrast Check

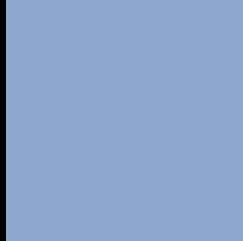
Large Text (above 18pt) WCAG AA × Fail

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 68, 22.694, 271.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

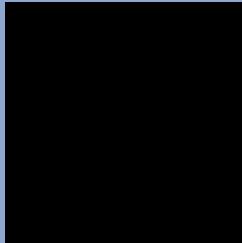
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

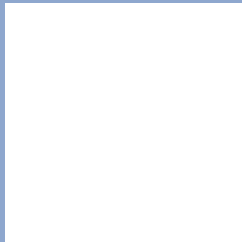
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 22.694, 271.222

Background



This preview shows how black text looks on a background with the CIELCh color 68, 22.694, 271.222.



This preview shows how white text looks on a background with the CIELCh color 68, 22.694, 271.222.

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

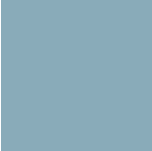
68, 22.694, 271.222

Protanopia

68, 22.139, 285.403

Deuteranopia

68, 24.823, 291.119



Tritanopia
68, 13.780, 232.844

Trichromacy



Original Color
68, 22.694, 271.222

Protanomaly
68, 22.387, 280.369

Deuteranomaly
68, 23.838, 284.532

Tritanomaly
68, 16.127, 250.952

Monochromacy



Original Color
68, 22.694, 271.222

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.311, 267.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 22.694, 271.222 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, 167, 206)` looks like.

```
.text, #text, p{  
    color:rgb(142, 167, 206)  
}
```

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, 167, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 167, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 22.694, 271.222 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, 167, 206) }
```

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

```
.border{ border-color:rgb(142, 167, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 167, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 167, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 167, 206);  
box-shadow:4px 4px 4px 4px rgb(142, 167,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 22.694, 271.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 167, 206) }
```

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

```
.background{ background-color: rgb(142,  
167, 206) }
```

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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