

Converting Colors

CIELCh(69, 12.864, 224.278)

Have a look what the booklet for
CIELCh(69, 12.864, 224.278)
contains.

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Color

CIELCh(69, 12.852, 224.000)

Conversions

Conversions Part 1

Format	Color
Hex	8CAEB8
RGB	140, 174, 184
RGB Percent	55%, 68%, 72%
CMY	0.4507, 0.3174, 0.2781
CMYK	0.24, 0.05, 0.00, 0.28
HSL	194°, 24%, 64%
HSV	194°, 24%, 72%
XYZ	34.6356, 39.3444, 51.1551
YIQ	164.9740, -23.4740, -4.0980

Conversions

Conversions Part 2

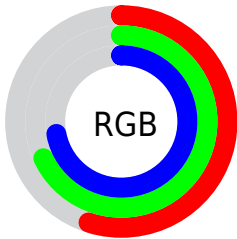
Format	Color
RYB	140, 159, 184
Decimal	9219768
CIELab	69.00, -9.24, -8.93
CIELCh	69, 12.852, 224.000
Yxy	39.3444, 0.2768, 0.3144
Android (android.graphics.Color)	4287409848 (0xFF8CAEB8)
YUV	164.9740, 9.3798, -21.9022
Hunter-Lab	62.7251, -11.2045, -4.4461

Details

The CIELCh color **69, 12.852, 224.000** is a light color, and the websafe version is hex **669999**. A complement of this color would be **65, 15.007, 42.046**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 12.905, 225.228**, and **49, 12.796, 222.848** is the 20% darker color. If you saturate the color by 10%, you get **67, 17.612, 224.867**, and if you desaturate by 10%, it is **71, 7.693, 223.364**.

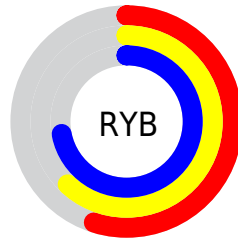
Distribution



Red (55%)

Green (68%)

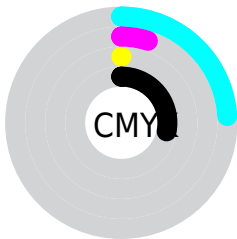
Blue (72%)



Red (55%)

Yellow (62%)

Blue (72%)

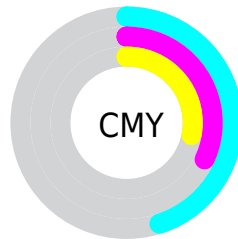


Cyan (24%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (45%)


Magenta (32%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 12.852, 224.000 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, 12.852, 224.000 by changing the saturation by 10% instead.

 69, 12.852,
224.000


 69, 12.852,
224.000


 100, 12.852,
224.000


 59, 12.852,
224.000

 89, 12.852,
224.000

 49, 12.852,
224.000

 99, 12.852,
224.000

 39, 12.852,
224.000

 29, 12.852,
224.000

 19, 12.852,
224.000

 9, 12.852, 224.000

 0, 12.852, 224.000

69, 12.852,
224.000

69, 12.852,
224.000

67, 17.612,
224.867

71, 7.693, 223.364

65, 21.893,
226.034

74, 2.214, 223.050

76, 3.517, 42.343

63, 25.618,
227.564

79, 9.440, 42.206

61, 28.727,
229.537

82, 15.502, 42.084

84, 21.664, 42.016

59, 31.192,
232.042

86, 22.731, 46.770

57, 33.036,
235.160

87, 22.401, 53.292

88, 22.375, 59.913

56, 34.346,
238.941

55, 35.025,

241.439

Harmonies

Complementary

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



69, 12.852, 224.000



65, 15.007, 42.046

Rectangle

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



69, 12.852, 224.000



69, 12.852, 274.000



69, 12.852, 44.000



69, 12.852, 94.000

Sweetspot

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



69, 12.852, 223.994



93, 4.882, 223.084



71, 25.159, 149.393



49, 3.166, 223.101



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 12.852, 223.994



86, 18.970, 224.449



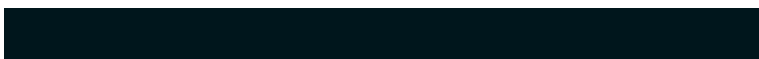
63, 18.027, 278.293



38, 3.164, 223.158



47, 30.855, 240.816



6, 8.514, 233.830

Inverse Universe

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



63, 25.097, 333.040



78, 37.719, 333.428



70, 17.881, 91.984



36, 5.899, 332.056



35, 67.204, 339.670



3, 14.999, 335.345

Previews

White Background



This preview shows how the CIELCh color 69, 12.852, 224.000 looks on a white background.

Color Contrast Check

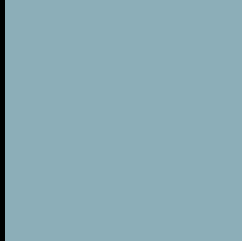
Large Text (above 18pt) WCAG AA × Fail

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 69, 12.852, 224.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

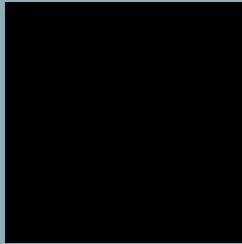
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

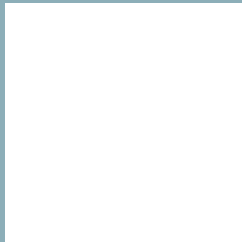
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 12.852, 224.000

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.852, 224.000.

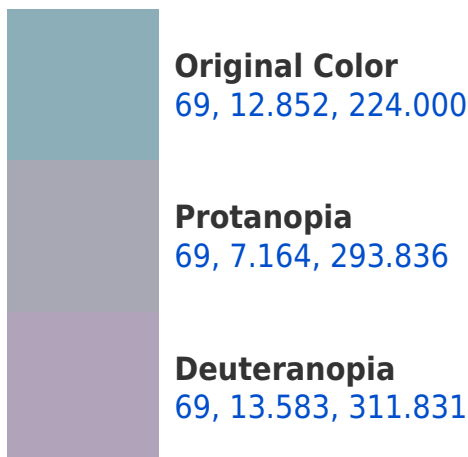


This preview shows how white text looks on a background with the CIELCh color 69, 12.852, 224.000.

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
69, 13.230, 231.465

Trichromacy



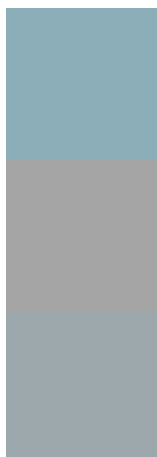
Original Color
69, 12.852, 224.000

Protanomaly
69, 7.346, 254.722

Deuteranomaly
69, 9.974, 282.901

Tritanomaly
69, 12.987, 229.272

Monochromacy



Original Color
69, 12.852, 224.000

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.889, 225.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.852, 224.000 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(140, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(140, 174, 184)  
}
```

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(140, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 174, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.852, 224.000 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(140, 174, 184) }
```

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

```
.border{ border-color:rgb(140, 174, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(140, 174,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.852, 224.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 174, 184) }
```

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

```
.background{ background-color: rgb(140,  
174, 184) }
```

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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