

Converting Colors

CIELCh(69, 24.217, 223.800)

Have a look what the booklet for
CIELCh(69, 24.217, 223.800)
contains.

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Color

CIELCh(69, 24.173, 223.647)

Conversions

Conversions Part 1

Format	Color
Hex	6BB3C6
RGB	107, 179, 198
RGB Percent	42%, 70%, 78%
CMY	0.5812, 0.2988, 0.2243
CMYK	0.46, 0.10, 0.00, 0.22
HSL	193°, 44%, 60%
HSV	193°, 46%, 78%
XYZ	32.2913, 39.3444, 59.1998
YIQ	159.6380, -49.0110, -9.3550

Conversions

Conversions Part 2

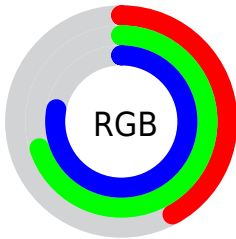
Format	Color
RYB	107, 147, 198
Decimal	7058374
CIELab	69.00, -17.49, -16.68
CIELCh	69, 24.173, 223.647
Yxy	39.3444, 0.2468, 0.3007
Android (android.graphics.Color)	4285248454 (0xFF6BB3C6)
YUV	159.6380, 18.9125, -46.1635
Hunter-Lab	62.7251, -17.8761, -12.0501

Details

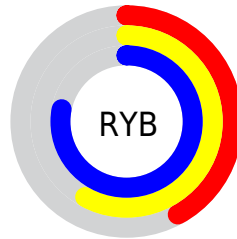
The CIELCh color **69, 24.173, 223.647** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 33.893, 40.441**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 24.217, 223.800**, and **49, 24.097, 223.721** is the 20% darker color. If you saturate the color by 10%, you get **67, 27.940, 225.107**, and if you desaturate by 10%, it is **71, 19.771, 222.541**.

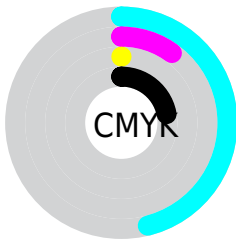
Distribution



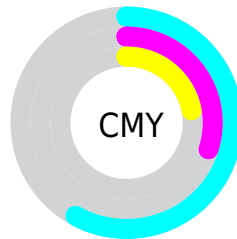
- Red (42%)
- Green (70%)
- Blue (78%)



- Red (42%)
- Yellow (58%)
- Blue (78%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (30%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 24.173, 223.647 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, 24.173, 223.647 by changing the saturation by 10% instead.

 69, 24.173,
223.647

 69, 24.173,
223.647


 100, 24.173,
223.647

 59, 24.173,
223.647

 89, 24.173,
223.647

 49, 24.173,
223.647

 99, 24.173,
223.647

 39, 24.173,
223.647

 29, 24.173,
223.647

 19, 24.173,
223.647

 9, 24.173, 223.647

 0, 24.173, 223.647

69, 24.173,
223.647

69, 24.173,
223.647

67, 27.940,
225.107

71, 19.771,
222.541

65, 31.012,
227.008

73, 14.819,
221.727

63, 33.362,
229.432

76, 9.407, 221.151

62, 35.024,
232.460

78, 3.622, 220.823

81, 2.456, 40.177

60, 36.108,
236.130

84, 8.758, 40.162

60, 36.486,
237.679

86, 15.225, 40.098

88, 18.119, 44.035

89, 17.733, 52.141

Harmonies

Complementary

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



69, 24.173, 223.647



60, 33.893, 40.441

Rectangle

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



69, 24.173, 223.647



69, 24.173, 273.647



69, 24.173, 43.647



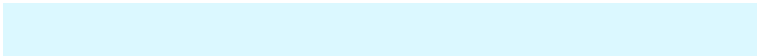
69, 24.173, 93.647

Sweetspot

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



69, 24.172, 223.645



96, 10.163, 221.071



73, 51.325, 146.564



50, 6.974, 221.169



0, 0.000, 0.000



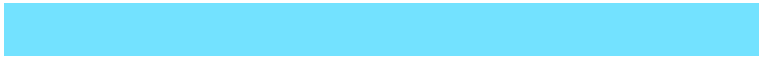
53, 0.007, 296.813

Same Dimension

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



69, 24.172, 223.645



85, 33.755, 225.078



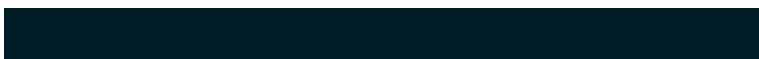
56, 36.912, 281.631



41, 3.407, 220.895



50, 31.579, 237.049



9, 11.145, 227.846

Inverse Universe

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



58, 51.043, 333.903



69, 73.309, 334.635



71, 36.407, 87.775



39, 6.385, 331.391



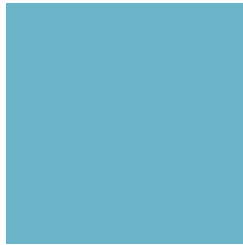
37, 70.512, 338.574



4, 22.273, 335.459

Previews

White Background



This preview shows how the CIE LCh color 69, 24.173, 223.647 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, 24.173, 223.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

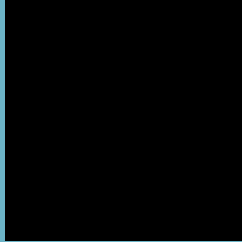
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

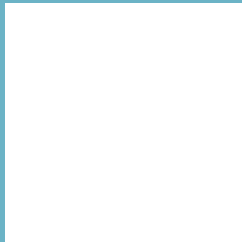
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 24.173, 223.647

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.173, 223.647.



This preview shows how white text looks on a background with the CIELCh color 69, 24.173, 223.647.

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, 24.173, 223.647

Protanopia
69, 13.211, 288.431

Deuteranopia
69, 20.422, 295.123



Tritanopia
69, 23.907, 218.097

Trichromacy



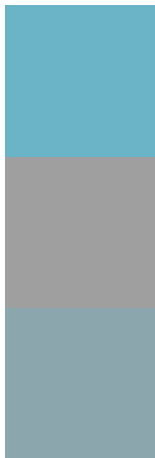
Original Color
69, 24.173, 223.647

Protanomaly
69, 15.132, 252.322

Deuteranomaly
68, 18.589, 266.258

Tritanomaly
69, 24.011, 219.437

Monochromacy



Original Color
69, 24.173, 223.647

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 9.954, 221.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.173, 223.647 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(107, 179, 198)` looks like.

```
.text, #text, p{  
    color:rgb(107, 179, 198)  
}
```

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(107, 179, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 179, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.173, 223.647 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(107, 179, 198) }
```

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

```
.border{ border-color:rgb(107, 179, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 179, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 179, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 179, 198);  
box-shadow:4px 4px 4px 4px rgb(107, 179,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.173, 223.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 179, 198) }
```

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

```
.background{ background-color: rgb(107,  
179, 198) }
```

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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