

Converting Colors

CIELCh(69, 22.276, 210.649)

Have a look what the booklet for
CIELCh(69, 22.276, 210.649)
contains.

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Color

CIELCh(69, 22.269, 210.686)

Conversions

Conversions Part 1

Format	Color
Hex	6FB3BC
RGB	111, 179, 188
RGB Percent	44%, 70%, 74%
CMY	0.5640, 0.2973, 0.2620
CMYK	0.41, 0.05, 0.00, 0.26
HSL	187°, 37%, 59%
HSV	187°, 41%, 74%
XYZ	31.8328, 39.3444, 53.5983
YIQ	159.6940, -43.4170, -11.6170

Conversions

Conversions Part 2

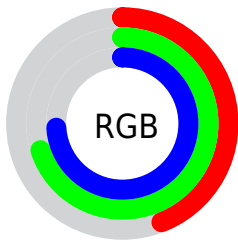
Format	Color
R _Y B	111, 147, 188
Decimal	7320508
CIE Lab	69.00, -19.15, -11.36
CIE LCh	69, 22.269, 210.686
Yxy	39.3444, 0.2551, 0.3153
Android (android.graphics.Color)	4285510588 (0xFF6FB3BC)
YUV	159.6940, 13.9549, -42.7046
Hunter-Lab	62.7251, -19.1808, -6.7555

Details

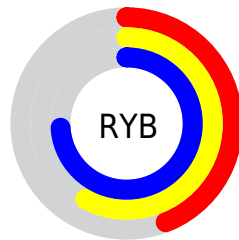
The CIELCh color **69, 22.269, 210.686** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 30.147, 32.124**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 22.326, 210.255**, and **49, 22.299, 211.147** is the 20% darker color. If you saturate the color by 10%, you get **68, 26.311, 211.159**, and if you desaturate by 10%, it is **71, 17.576, 210.401**.

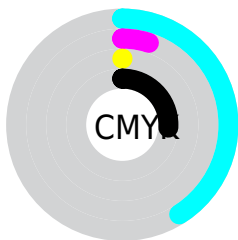
Distribution



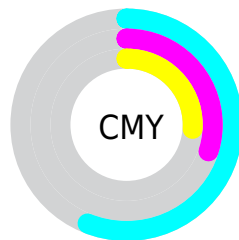
- Red (44%)
- Green (70%)
- Blue (74%)



- Red (44%)
- Yellow (58%)
- Blue (74%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (56%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 22.269, 210.686 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, 22.269, 210.686 by changing the saturation by 10% instead.

 69, 22.269,
210.686

 69, 22.269,
210.686


 100, 22.269,
210.686


 59, 22.269,
210.686

 89, 22.269,
210.686

 49, 22.269,
210.686

 99, 22.269,
210.686

 39, 22.269,
210.686

 29, 22.269,
210.686

 19, 22.269,
210.686

 9, 22.269, 210.686

 0, 22.269, 210.686

69, 22.269,
210.686

69, 22.269,
210.686

68, 26.311,
211.159

71, 17.576,
210.401

66, 29.618,
211.869

72, 12.330,
210.280

65, 32.132,
212.858

74, 6.630, 210.307

64, 33.833,
214.172

76, 0.571, 211.243

78, 5.764, 30.385

63, 34.763,
215.858

80, 12.302, 30.655

62, 35.119,
217.670

83, 18.983, 30.934

84, 23.111, 32.209

85, 22.560, 35.341

Harmonies

Complementary

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



69, 22.269, 210.686



57, 30.147, 32.124

Rectangle

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



69, 22.269, 210.686



69, 22.269, 260.686



69, 22.269, 30.686



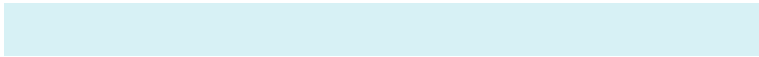
69, 22.269, 80.686

Sweetspot

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



69, 22.269, 210.683



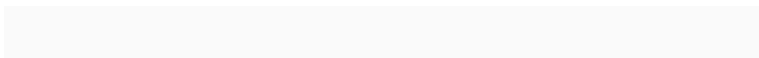
94, 8.992, 210.294



70, 46.812, 144.551



49, 5.941, 210.284



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 22.269, 210.683



86, 31.548, 211.095



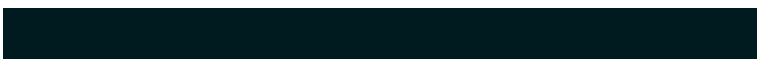
58, 28.129, 273.943



39, 3.464, 210.327



53, 30.900, 217.354



8, 10.043, 213.876

Inverse Universe

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



57, 46.755, 330.198



69, 68.279, 330.720



67, 29.153, 81.532



37, 6.523, 328.305



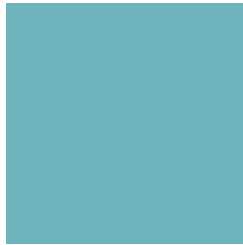
36, 73.850, 333.438



3, 19.146, 330.026

Previews

White Background



This preview shows how the CIELCh color 69, 22.269, 210.686 looks on a white background.

Color Contrast Check

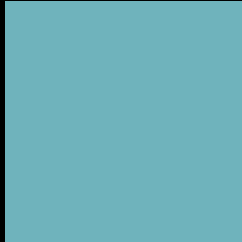
Large Text (above 18pt) WCAG AA × Fail

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, 22.269, 210.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

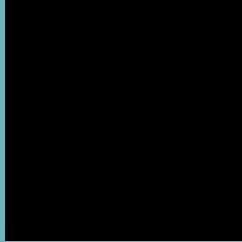
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

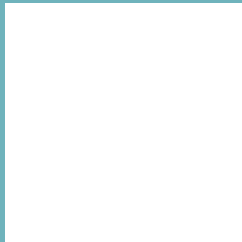
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 22.269, 210.686

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.269, 210.686.



This preview shows how white text looks on a background with the CIELCh color 69, 22.269, 210.686.

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, 22.269, 210.686

Protanopia
69, 7.150, 290.907

Deuteranopia
69, 16.429, 304.328



Tritanopia
69, 22.231, 219.836

Trichromacy



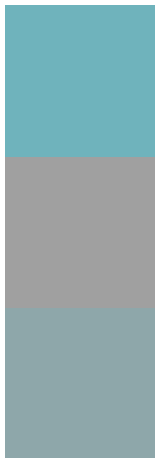
Original Color
69, 22.269, 210.686

Protanomaly
69, 10.567, 237.685

Deuteranomaly
69, 13.446, 263.706

Tritanomaly
69, 22.017, 216.949

Monochromacy



Original Color
69, 22.269, 210.686

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.139, 209.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.269, 210.686 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(111, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(111, 179, 188)  
}
```

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(111, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 179, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.269, 210.686 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(111, 179, 188) }
```

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

```
.border{ border-color:rgb(111, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(111, 179,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.269, 210.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 179, 188) }
```

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

```
.background{ background-color: rgb(111,  
179, 188) }
```

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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