

Converting Colors

CIELCh(69, 22.115, 207.346)

Have a look what the booklet for
CIELCh(69, 22.115, 207.346)
contains.

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Color

CIELCh(69, 21.960, 207.908)

Conversions

Conversions Part 1

Format	Color
Hex	70B3BA
RGB	112, 179, 186
RGB Percent	44%, 70%, 73%
CMY	0.5599, 0.2971, 0.2697
CMYK	0.40, 0.04, 0.00, 0.27
HSL	186°, 35%, 59%
HSV	186°, 40%, 73%
XYZ	31.7626, 39.3444, 52.5000
YIQ	159.7650, -42.1790, -12.0270

Conversions

Conversions Part 2

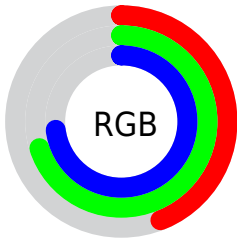
Format	Color
RYB	112, 147, 186
Decimal	7386042
CIELab	69.00, -19.41, -10.28
CIElCh	69, 21.960, 207.908
Yxy	39.3444, 0.2570, 0.3183
Android (android.graphics.Color)	4285576122 (0xFF70B3BA)
YUV	159.7650, 12.9339, -41.8899
Hunter-Lab	62.7251, -19.3804, -5.7173

Details

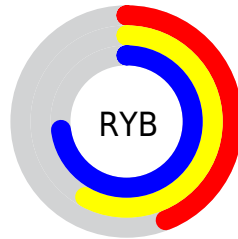
The CIELCh color **69, 21.960, 207.908** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 29.395, 30.194**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 21.986, 207.656**, and **49, 21.866, 208.231** is the 20% darker color. If you saturate the color by 10%, you get **68, 26.119, 208.182**, and if you desaturate by 10%, it is **70, 17.153, 207.789**.

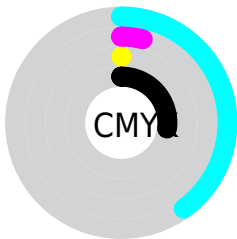
Distribution



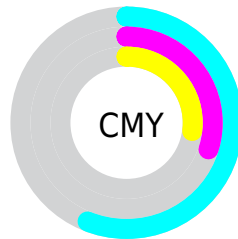
- Red (44%)
- Green (70%)
- Blue (73%)



- Red (44%)
- Yellow (58%)
- Blue (73%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (56%)
- Magenta (30%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 21.960, 207.908 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, 21.960, 207.908 by changing the saturation by 10% instead.

 69, 21.960,
207.908


 69, 21.960,
207.908

 100, 21.960,
207.908

 59, 21.960,
207.908

 89, 21.960,
207.908

 49, 21.960,
207.908

 99, 21.960,
207.908

 39, 21.960,
207.908

 29, 21.960,
207.908

 19, 21.960,
207.908

 9, 21.960, 207.908

 0, 21.960, 207.908

69, 21.960,
207.908

69, 21.960,
207.908

68, 26.119,
208.182

70, 17.153,
207.789

67, 29.543,
208.651

72, 11.796,
207.809

65, 32.168,
209.346

74, 5.992, 207.962

65, 33.972,
210.302

76, 0.167, 24.898

78, 6.593, 28.242

64, 34.984,
211.555

80, 13.215, 28.586

63, 35.384,
213.078

82, 19.972, 28.938

83, 24.354, 29.935

63, 35.393,
213.119

84, 23.865, 32.253

Harmonies

Complementary

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



69, 21.960, 207.908



57, 29.395, 30.194

Rectangle

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



69, 21.960, 207.908



69, 21.960, 257.908



69, 21.960, 27.908



69, 21.960, 77.908

Sweetspot

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



69, 21.960, 207.905



93, 9.084, 207.909



69, 46.186, 143.710



50, 6.052, 207.886



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, 21.960, 207.905



86, 31.375, 208.148



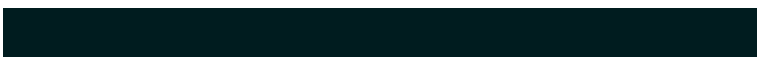
59, 25.952, 270.685



39, 3.529, 207.971



54, 31.387, 212.887



8, 10.302, 210.109

Inverse Universe

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



57, 45.772, 329.391



69, 67.473, 329.900



66, 27.428, 78.663



37, 6.625, 327.617



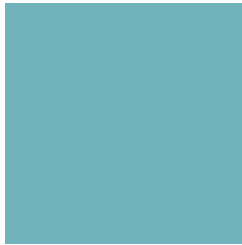
36, 75.133, 332.341



3, 19.577, 329.042

Previews

White Background



This preview shows how the CIE LCh color 69, 21.960, 207.908 looks on a white background.

Color Contrast Check

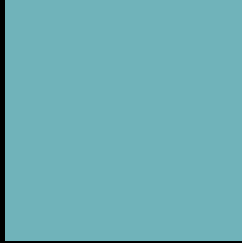
Large Text (above 18pt) WCAG AA × Fail

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, 21.960, 207.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

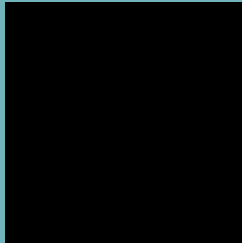
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

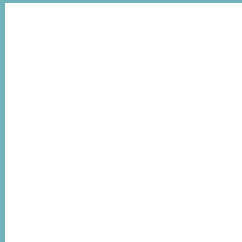
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 21.960, 207.908

Background



This preview shows how black text looks on a background with the CIELCh color 69, 21.960, 207.908.



This preview shows how white text looks on a background with the CIELCh color 69, 21.960, 207.908.

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, 21.960, 207.908

Protanopia

69, 6.051, 290.798

Deuteranopia

69, 15.450, 306.490



Tritanopia
69, 21.740, 220.391

Trichromacy



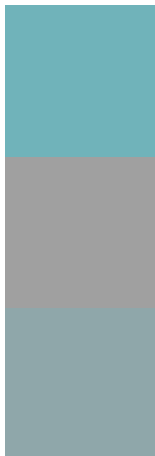
Original Color
69, 21.960, 207.908

Protanomaly
69, 9.988, 232.396

Deuteranomaly
69, 12.347, 262.514

Tritanomaly
69, 21.766, 217.195

Monochromacy



Original Color
69, 21.960, 207.908

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 8.799, 209.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 21.960, 207.908 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(112, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(112, 179, 186)  
}
```

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(112, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 179, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 21.960, 207.908 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(112, 179, 186) }
```

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

```
.border{ border-color:rgb(112, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(112, 179,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 21.960, 207.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 179, 186) }
```

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

```
.background{ background-color: rgb(112,  
179, 186) }
```

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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