

Converting Colors

CIELCh(69, 22.792, 210.709)

Have a look what the booklet for
CIELCh(69, 22.792, 210.709)
contains.

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Color

CIELCh(69, 22.820, 211.777)

Conversions

Conversions Part 1

Format	Color
Hex	6DB3BD
RGB	109, 179, 189
RGB Percent	43%, 70%, 74%
CMY	0.5712, 0.2966, 0.2574
CMYK	0.42, 0.05, 0.00, 0.26
HSL	188°, 38%, 59%
HSV	188°, 42%, 74%
XYZ	31.7645, 39.3444, 54.2657
YIQ	159.2100, -44.9300, -11.7300

Conversions

Conversions Part 2

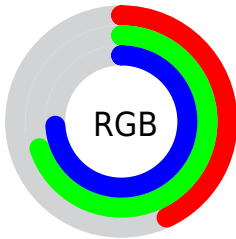
Format	Color
RYB	109, 146, 189
Decimal	7189437
CIELab	69.00, -19.40, -12.02
CIELCh	69, 22.820, 211.777
Yxy	39.3444, 0.2534, 0.3138
Android (android.graphics.Color)	4285379517 (0xFF6DB3BD)
YUV	159.2100, 14.6865, -44.0342
Hunter-Lab	62.7251, -19.3752, -7.3863

Details

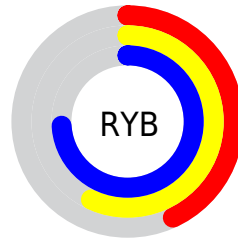
The CIELCh color **69, 22.820, 211.777** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 31.260, 32.915**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 22.917, 211.260**, and **49, 22.726, 212.414** is the 20% darker color. If you saturate the color by 10%, you get **68, 26.768, 212.348**, and if you desaturate by 10%, it is **71, 18.211, 211.411**.

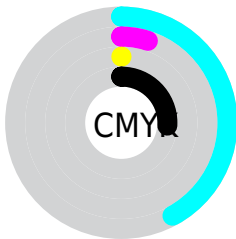
Distribution



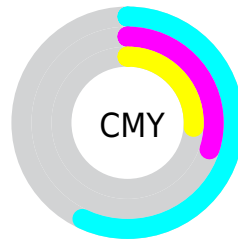
- Red (43%)
- Green (70%)
- Blue (74%)



- Red (43%)
- Yellow (57%)
- Blue (74%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)




- Cyan (57%)
- Magenta (30%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 22.820, 211.777 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, 22.820, 211.777 by changing the saturation by 10% instead.

 69, 22.820,
211.777


 69, 22.820,
211.777

 100, 22.820,
211.777

 59, 22.820,
211.777

 89, 22.820,
211.777

 49, 22.820,
211.777

 99, 22.820,
211.777

 39, 22.820,
211.777

 29, 22.820,
211.777

 19, 22.820,
211.777

 9, 22.820, 211.777

 0, 22.820, 211.777

69, 22.820,
211.777

69, 22.820,
211.777

68, 26.768,
212.348

71, 18.211,
211.411

66, 29.973,
213.176

72, 13.039,
211.221

65, 32.382,
214.308

74, 7.402, 211.185

64, 33.985,
215.796

76, 1.394, 211.535

78, 4.900, 31.166

63, 34.831,
217.686

81, 11.405, 31.412

62, 35.130,
219.379

83, 18.062, 31.661

85, 22.534, 32.886

85, 21.964, 36.372

Harmonies

Complementary

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



69, 22.820, 211.777



57, 31.260, 32.915

Rectangle

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



69, 22.820, 211.777



69, 22.820, 261.777



69, 22.820, 31.777



69, 22.820, 81.777

Sweetspot

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



69, 22.820, 211.774



94, 9.733, 211.182



70, 48.516, 144.407



50, 6.822, 211.180



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 22.820, 211.774



86, 32.536, 212.320



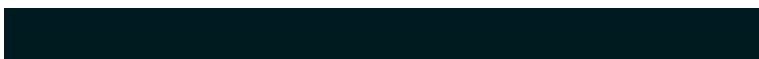
58, 29.208, 274.260



39, 3.442, 211.209



53, 30.766, 219.026



8, 9.959, 215.294

Inverse Universe

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



57, 48.167, 330.555



69, 70.936, 331.128



67, 30.302, 81.345



37, 6.486, 328.562



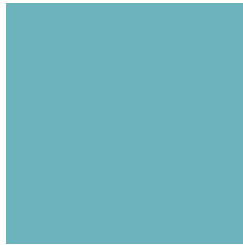
36, 73.390, 333.851



3, 18.991, 330.399

Previews

White Background



This preview shows how the CIELCh color 69, 22.820, 211.777 looks on a white background.

Color Contrast Check

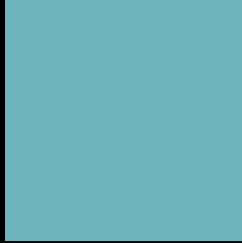
Large Text (above 18pt) WCAG AA × Fail

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, 22.820, 211.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

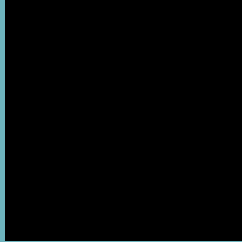
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 22.820, 211.777

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.820, 211.777.



This preview shows how white text looks on a background with the CIELCh color 69, 22.820, 211.777.

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, 22.854, 217.644

Trichromacy



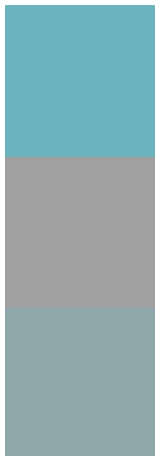
Original Color
69, 22.820, 211.777

Protanomaly
69, 11.141, 238.966

Deuteranomaly
68, 14.216, 262.417

Tritanomaly
69, 22.763, 216.235

Monochromacy



Original Color
69, 22.820, 211.777

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.217, 212.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.820, 211.777 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(109, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(109, 179, 189)  
}
```

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(109, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 179, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.820, 211.777 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(109, 179, 189) }
```

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

```
.border{ border-color:rgb(109, 179, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(109, 179,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.820, 211.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 179, 189) }
```

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

```
.background{ background-color: rgb(109,  
179, 189) }
```

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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