

Converting Colors

CIELCh(69, 22.215, 197.632)

Have a look what the booklet for
CIELCh(69, 22.215, 197.632)
contains.

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Color

CIELCh(69, 22.211, 197.640)

Conversions

Conversions Part 1

Format	Color
Hex	71B4B4
RGB	113, 180, 180
RGB Percent	44%, 71%, 71%
CMY	0.5576, 0.2949, 0.2949
CMYK	0.37, 0.00, 0.00, 0.29
HSL	180°, 31%, 57%
HSV	180°, 37%, 71%
XYZ	31.2816, 39.3444, 49.0171
YIQ	159.9670, -39.9320, -14.2040

Conversions

Conversions Part 2

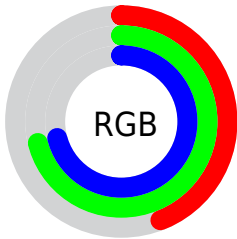
Format	Color
RYB	113, 147, 180
Decimal	7451828
CIELab	69.00, -21.17, -6.73
CIElCh	69, 22.211, 197.640
Yxy	39.3444, 0.2615, 0.3288
Android (android.graphics.Color)	4285641908 (0xFF71B4B4)
YUV	159.9670, 9.8763, -41.1901
Hunter-Lab	62.7251, -20.7494, -2.4251

Details

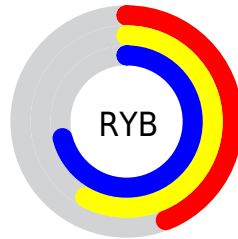
The CIELCh color **69, 22.211, 197.640** is a light color, and the websafe version is hex **669999**. A complement of this color would be **55, 28.758, 22.827**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 22.131, 197.971**, and **49, 22.325, 197.124** is the 20% darker color. If you saturate the color by 10%, you get **68, 26.855, 197.273**, and if you desaturate by 10%, it is **70, 16.916, 198.061**.

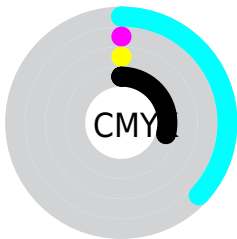
Distribution



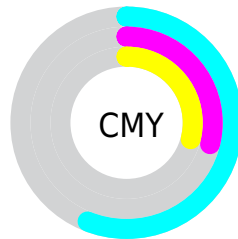
- Red (44%)
- Green (71%)
- Blue (71%)



- Red (44%)
- Yellow (58%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 22.211, 197.640 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, 22.211, 197.640 by changing the saturation by 10% instead.

 69, 22.211,
197.640

 69, 22.211,
197.640


 100, 22.211,
197.640


 59, 22.211,
197.640

 89, 22.211,
197.640

 49, 22.211,
197.640


 99, 22.211,
197.640

 39, 22.211,
197.640

 29, 22.211,
197.640

 19, 22.211,
197.640

 9, 22.211, 197.640

 0, 22.211, 197.640

■ 69, 22.211,
197.640

■ 69, 22.211,
197.640

■ 68, 26.855,
197.273

■ 70, 16.916,
198.061

■ 68, 30.759,
196.972

■ 71, 11.072,
198.545

■ 67, 33.862,
196.736

■ 72, 4.785, 199.117

■ 67, 36.139,
196.565

■ 74, 1.844, 19.281

■ 75, 8.723, 20.074

■ 67, 37.612,
196.454

■ 77, 15.772, 20.697

■ 66, 38.388,
196.397

■ 79, 22.925, 21.317

■ 80, 29.472, 21.884

■ 66, 38.554,
196.384

■ 80, 29.472, 21.884

Harmonies

Complementary

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



69, 22.211, 197.640



55, 28.758, 22.827

Rectangle

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



69, 22.211, 197.640



69, 22.211, 247.640



69, 22.211, 17.640



69, 22.211, 67.640

Sweetspot

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



69, 22.211, 197.637



91, 8.909, 198.875



68, 44.399, 141.342



48, 5.960, 198.799



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 22.211, 197.637



87, 31.985, 197.323



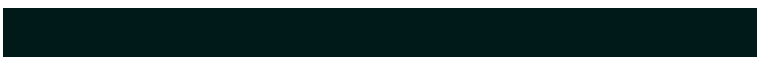
60, 21.086, 259.699



37, 3.691, 198.986



57, 34.227, 196.384



7, 9.138, 199.100

Inverse Universe

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



55, 28.758, 22.827



66, 44.324, 24.211



63, 23.668, 69.105



35, 3.911, 19.911



31, 70.930, 39.526



2, 9.156, 19.404

Previews

White Background



This preview shows how the CIELCh color 69, 22.211, 197.640 looks on a white background.

Color Contrast Check

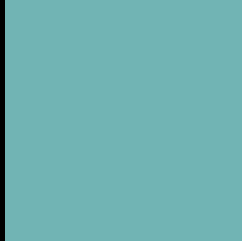
Large Text (above 18pt) WCAG AA × Fail

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, 22.211, 197.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

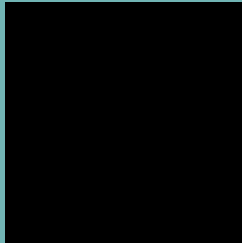
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 22.211, 197.640

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.211, 197.640.

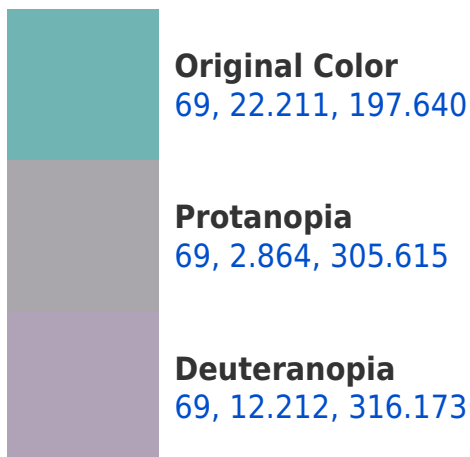


This preview shows how white text looks on a background with the CIELCh color 69, 22.211, 197.640.

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, 21.116, 219.486

Trichromacy



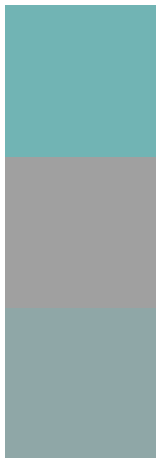
Original Color
69, 22.211, 197.640

Protanomaly
69, 8.423, 210.114

Deuteranomaly
68, 8.823, 253.505

Tritanomaly
69, 21.219, 211.412

Monochromacy



Original Color
69, 22.211, 197.640

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 8.754, 198.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.211, 197.640 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(113, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(113, 180, 180)  
}
```

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(113, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 180, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.211, 197.640 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(113, 180, 180) }
```

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

```
.border{ border-color:rgb(113, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(113, 180,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.211, 197.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 180, 180) }
```

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

```
.background{ background-color: rgb(113,  
180, 180) }
```

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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