

Converting Colors

CIELCh(69, 22.913, 184.046)

Have a look what the booklet for
CIELCh(69, 22.913, 184.046)
contains.

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Color

CIELCh(69, 22.601, 184.858)

Conversions

Conversions Part 1

Format	Color
Hex	74B4AB
RGB	116, 180, 171
RGB Percent	45%, 71%, 67%
CMY	0.5447, 0.2937, 0.3290
CMYK	0.36, 0.00, 0.05, 0.29
HSL	172°, 30%, 58%
HSV	172°, 36%, 71%
XYZ	30.9152, 39.3444, 44.5398
YIQ	159.8380, -35.2550, -16.3670

Conversions

Conversions Part 2

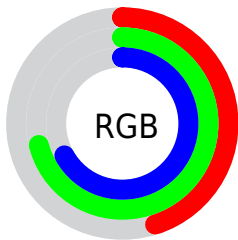
Format	Color
RYB	116, 150, 180
Decimal	7648427
CIELab	69.00, -22.52, -1.91
CIElCh	69, 22.601, 184.858
Yxy	39.3444, 0.2693, 0.3427
Android (android.graphics.Color)	4285838507 (0xFF74B4AB)
YUV	159.8380, 5.5029, -38.4459
Hunter-Lab	62.7251, -21.7921, 1.8069

Details

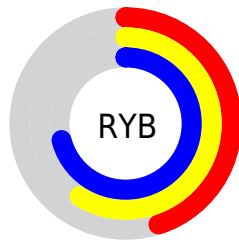
The CIELCh color **69, 22.601, 184.858** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 26.976, 11.890**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 22.749, 184.591**, and **49, 22.707, 185.001** is the 20% darker color. If you saturate the color by 10%, you get **68, 27.950, 183.911**, and if you desaturate by 10%, it is **70, 16.714, 185.758**.

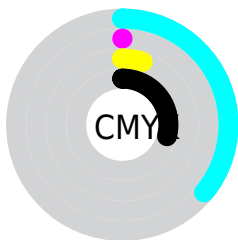
Distribution



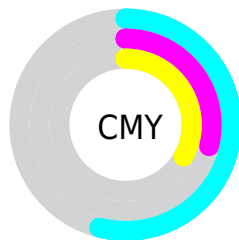
- Red (45%)
- Green (71%)
- Blue (67%)



- Red (45%)
- Yellow (59%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



- Cyan (54%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 22.601, 184.858 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, 22.601, 184.858 by changing the saturation by 10% instead.

 69, 22.601,
184.858

 69, 22.601,
184.858


 100, 22.601,
184.858


 59, 22.601,
184.858

 89, 22.601,
184.858

 49, 22.601,
184.858

 99, 22.601,
184.858

 39, 22.601,
184.858

 29, 22.601,
184.858

 19, 22.601,
184.858

 9, 22.601, 184.858

 0, 22.601, 184.858

69, 22.601,
184.858

69, 22.601,
184.858

68, 27.950,
183.911

70, 16.714,
185.758

67, 32.652,
182.911

71, 10.400,
186.637

67, 36.620,
181.837

73, 3.769, 187.552

66, 39.800,
180.668

74, 3.081, 8.076

76, 10.065, 8.976

66, 42.185,
179.384

77, 17.114, 9.768

66, 43.833,
177.972

79, 24.170, 10.531

81, 29.211, 10.316

66, 44.454,
177.331

81, 29.359, 7.739

Harmonies

Complementary

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



69, 22.601, 184.858



56, 26.976, 11.890

Rectangle

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



69, 22.601, 184.858



69, 22.601, 234.858



69, 22.601, 4.858



69, 22.601, 54.858

Sweetspot

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



69, 22.602, 184.855



91, 9.202, 187.020



68, 40.711, 138.238



48, 6.163, 186.902



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, 22.602, 184.855



87, 32.947, 184.085



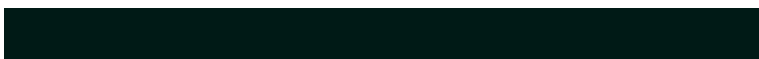
63, 18.233, 242.290



37, 3.805, 187.188



57, 39.331, 177.538



7, 9.585, 182.946

Inverse Universe

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



56, 26.976, 11.890



67, 41.163, 13.319



61, 22.093, 54.940



35, 3.972, 8.620



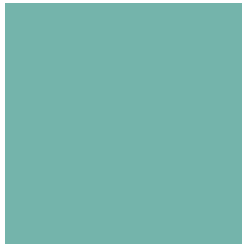
31, 65.473, 32.748



2, 9.289, 10.446

Previews

White Background



This preview shows how the CIELCh color 69, 22.601, 184.858 looks on a white background.

Color Contrast Check

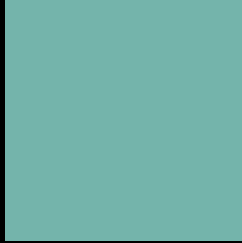
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 22.601, 184.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

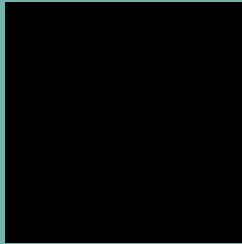
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

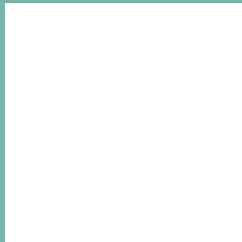
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 22.601, 184.858

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.601, 184.858.

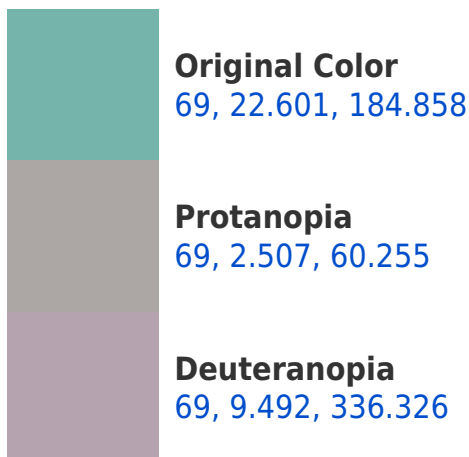


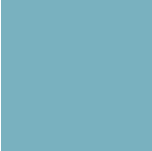
This preview shows how white text looks on a background with the CIELCh color 69, 22.601, 184.858.

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, 19.580, 221.392

Trichromacy



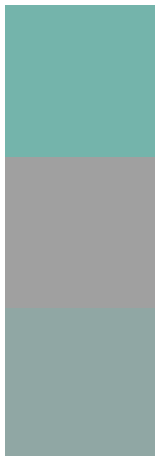
Original Color
69, 22.601, 184.858

Protanomaly
69, 7.943, 178.519

Deuteranomaly
68, 5.135, 231.618

Tritanomaly
69, 19.761, 207.569

Monochromacy



Original Color
69, 22.601, 184.858

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 8.666, 187.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.601, 184.858 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(116, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(116, 180, 171)  
}
```

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(116, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 180, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.601, 184.858 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(116, 180, 171) }
```

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

```
.border{ border-color:rgb(116, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(116, 180,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.601, 184.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 180, 171) }
```

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

```
.background{ background-color: rgb(116,  
180, 171) }
```

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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