

Converting Colors

CIELCh(69, 19.935, 197.793)

Have a look what the booklet for
CIELCh(69, 19.935, 197.793)
contains.

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Color

CIELCh(69, 19.936, 197.814)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 78B3B3 |
| RGB | 120, 179, 179 |
| RGB Percent | 47%, 70%, 70% |
| CMY | 0.5305, 0.2991, 0.2991 |
| CMYK | 0.33, 0.00, 0.00, 0.30 |
| HSL | 180°, 28%, 59% |
| HSV | 180°, 33%, 70% |
| XYZ | 31.8797, 39.3444, 48.4135 |
| YIQ | 161.3590, -35.1640, -12.5080 |

Conversions

Conversions Part 2

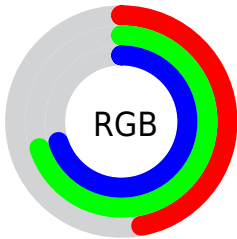
| Format | Color |
|-------------------------------------|---|
| RYB | 120, 150, 179 |
| Decimal | 7910323 |
| CIELab | 69.00, -18.98, -6.10 |
| CIELCh | 69, 19.936, 197.814 |
| Yxy | 39.3444, 0.2665, 0.3289 |
| Android (android.graphics.Color) | 4286100403 (0xFF78B3B3) |
| YUV | 161.3590, 8.6970, -36.2718 |
| Hunter-Lab | 62.7251, -19.0472, -1.8546 |

Details

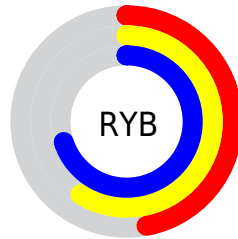
The CIELCh color **69, 19.936, 197.814** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 24.973, 22.241**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 20.084, 198.102**, and **49, 19.822, 197.364** is the 20% darker color. If you saturate the color by 10%, you get **68, 24.846, 197.421**, and if you desaturate by 10%, it is **70, 14.421, 198.260**.

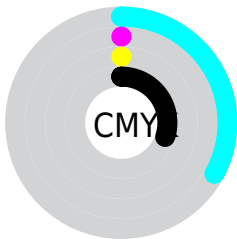
Distribution



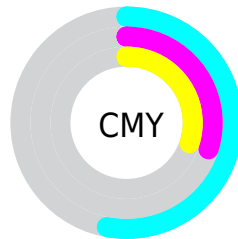
- Red (47%)
- Green (70%)
- Blue (70%)



- Red (47%)
- Yellow (59%)
- Blue (70%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (53%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 19.936, 197.814 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, 19.936, 197.814 by changing the saturation by 10% instead.

■ 69, 19.936,
197.814

■ 69, 19.936,
197.814

■ 100, 19.936,
197.814

■ 59, 19.936,
197.814

■ 89, 19.936,
197.814

■ 49, 19.936,
197.814

■ 99, 19.936,
197.814

■ 39, 19.936,
197.814

■ 29, 19.936,
197.814

■ 19, 19.936,
197.814

■ 9, 19.936, 197.814

■ 0, 19.936, 197.814

69, 19.936,
197.814

69, 19.936,
197.814

68, 24.846,
197.421

70, 14.421,
198.260

67, 29.055,
197.092

71, 8.405, 198.772

72, 1.992, 199.494

67, 32.490,
196.829

74, 4.721, 19.691

67, 35.108,
196.630

75, 11.647, 20.340

66, 36.910,
196.494

77, 18.713, 20.959

79, 25.859, 21.581

66, 37.952,
196.416

80, 29.941, 21.936

66, 38.382,
196.384

80, 29.941, 21.935

Harmonies

Complementary

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



69, 19.936, 197.814



56, 24.973, 22.241

Rectangle

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



69, 19.936, 197.814



69, 19.936, 247.814



69, 19.936, 17.814



69, 19.936, 67.814

Sweetspot

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



69, 19.936, 197.811



90, 8.049, 198.934



68, 39.242, 141.726



48, 5.516, 198.853



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, 19.936, 197.811



87, 28.889, 197.506



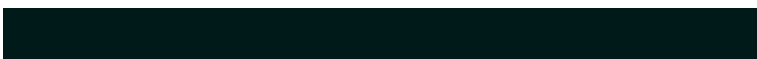
61, 18.663, 258.786



37, 3.691, 198.985



57, 34.227, 196.384



7, 9.138, 199.100

Inverse Universe

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



56, 24.973, 22.241



68, 38.422, 23.342



63, 20.642, 69.621



35, 3.911, 19.911



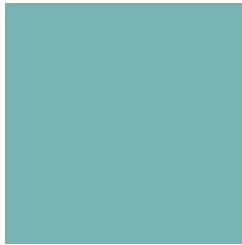
31, 70.930, 39.526



2, 9.156, 19.404

Previews

White Background



This preview shows how the CIELCh color 69, 19.936, 197.814 looks on a white background.

Color Contrast Check

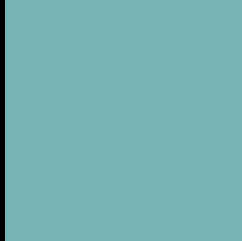
Large Text (above 18pt) WCAG AA × Fail

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, 19.936, 197.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

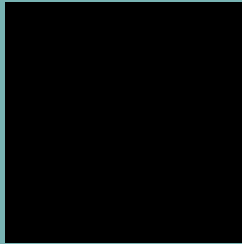
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 19.936, 197.814

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.936, 197.814.



This preview shows how white text looks on a background with the CIELCh color 69, 19.936, 197.814.

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, 19.936, 197.814

Protanopia

69, 2.864, 305.615

Deuteranopia

69, 11.719, 317.311



Tritanopia
69, 19.058, 222.103

Trichromacy



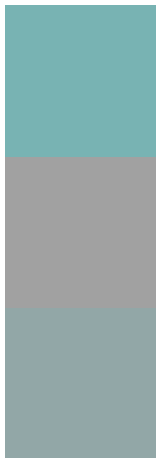
Original Color
69, 19.936, 197.814

Protanomaly
69, 7.407, 211.787

Deuteranomaly
69, 7.990, 255.076

Tritanomaly
69, 19.044, 213.159

Monochromacy



Original Color
69, 19.936, 197.814

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 7.698, 198.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.936, 197.814 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(120, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(120, 179, 179)  
}
```

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(120, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 179, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.936, 197.814 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(120, 179, 179) }
```

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

```
.border{ border-color:rgb(120, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(120, 179,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.936, 197.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 179, 179) }
```

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

```
.background{ background-color: rgb(120,  
179, 179) }
```

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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