

Converting Colors

CIELCh(69, 31.799, 169.105)

Have a look what the booklet for
CIELCh(69, 31.799, 169.105)
contains.

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Color

CIELCh(69, 31.286, 169.690)

Conversions

Conversions Part 1

Format	Color
Hex	67B79D
RGB	103, 183, 157
RGB Percent	40%, 72%, 62%
CMY	0.5948, 0.2811, 0.3831
CMYK	0.44, 0.00, 0.14, 0.28
HSL	160°, 36%, 56%
HSV	160°, 44%, 72%
XYZ	28.7401, 39.3444, 38.1142
YIQ	156.1160, -39.3340, -25.0460

Conversions

Conversions Part 2

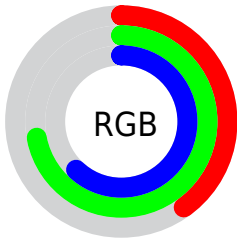
Format	Color
RYB	103, 151, 183
Decimal	6797213
CIELab	69.00, -30.78, 5.60
CIElCh	69, 31.286, 169.690
Yxy	39.3444, 0.2706, 0.3705
Android (android.graphics.Color)	4284987293 (0xFF67B79D)
YUV	156.1160, 0.4358, -46.5827
Hunter-Lab	62.7251, -27.9818, 7.8807

Details

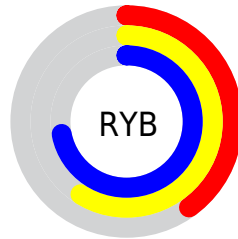
The CIELCh color **69, 31.286, 169.690** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **53, 35.180, 359.568**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 30.922, 170.252**, and **49, 31.454, 169.551** is the 20% darker color. If you saturate the color by 10%, you get **68, 37.425, 168.353**, and if you desaturate by 10%, it is **70, 24.628, 170.896**.

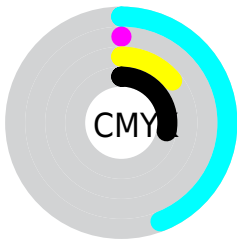
Distribution



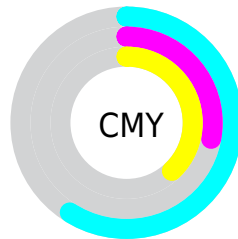
- Red (40%)
- Green (72%)
- Blue (62%)



- Red (40%)
- Yellow (59%)
- Blue (72%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)





- Cyan (59%)
- Magenta (28%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 31.286, 169.690 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, 31.286, 169.690 by changing the saturation by 10% instead.

 69, 31.286,
169.690


 69, 31.286,
169.690


 100, 31.286,
169.690


 59, 31.286,
169.690


 89, 31.286,
169.690

 49, 31.286,
169.690

 99, 31.286,
169.690

 39, 31.286,
169.690

 29, 31.286,
169.690

 19, 31.286,
169.690

 9, 31.286, 169.690

 0, 31.286, 169.690

■ 69, 31.286,
169.690

■ 69, 31.286,
169.690

■ 68, 37.425,
168.353

■ 70, 24.628,
170.896

■ 67, 42.928,
166.864

■ 71, 17.573,
172.000

■ 67, 47.712,
165.199

■ 72, 10.242,
173.024

■ 67, 51.736,
163.338

■ 74, 2.747, 174.075

■ 76, 4.820, 354.695


■ 66, 55.027,
161.276

■ 77, 12.381,
355.571

■ 66, 56.878,
159.929

■ 79, 19.879,
356.360

■ 81, 27.270,
357.103

 82, 30.102,
353.251

Harmonies

Complementary

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



69, 31.286, 169.690



53, 35.180, 359.568

Rectangle

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



69, 31.286, 169.690



69, 31.286, 219.690



69, 31.286, 349.690



69, 31.286, 39.690

Sweetspot

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



69, 31.287, 169.689



91, 12.036, 173.067



69, 47.688, 132.563



49, 8.475, 172.846



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 31.287, 169.689



86, 44.829, 168.464



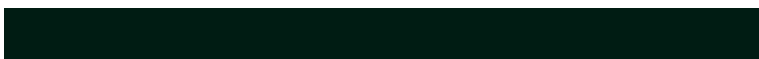
66, 22.213, 217.407



38, 4.271, 173.454



57, 50.126, 160.236



8, 12.736, 166.810

Inverse Universe

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



53, 35.180, 359.568



64, 51.576, 1.328



56, 30.700, 36.561



36, 4.377, 355.052



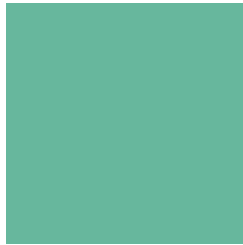
32, 59.731, 17.984



2, 11.303, 0.416

Previews

White Background



This preview shows how the CIELCh color 69, 31.286, 169.690 looks on a white background.

Color Contrast Check

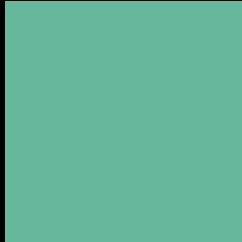
Large Text (above 18pt) WCAG AA × Fail

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, 31.286, 169.690 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, 31.286, 169.690

Background



This preview shows how black text looks on a background with the CIELCh color 69, 31.286, 169.690.

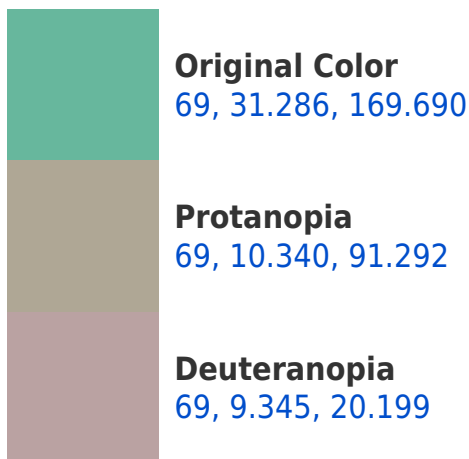


This preview shows how white text looks on a background with the CIELCh color 69, 31.286, 169.690.

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, 21.986, 220.110

Trichromacy



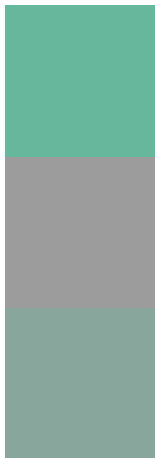
Original Color
69, 31.286, 169.690

Protanomaly
68, 14.797, 147.183

Deuteranomaly
68, 7.682, 153.196

Tritanomaly
69, 23.304, 197.554

Monochromacy



Original Color
69, 31.286, 169.690

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 12.218, 171.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 31.286, 169.690 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(103, 183, 157)` looks like.

```
.text, #text, p{  
    color:rgb(103, 183, 157)  
}
```

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(103, 183, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 183, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 31.286, 169.690 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(103, 183, 157) }
```

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

```
.border{ border-color:rgb(103, 183, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 183, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 183, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 183, 157);  
box-shadow:4px 4px 4px 4px rgb(103, 183,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 31.286, 169.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 183, 157) }
```

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

```
.background{ background-color: rgb(103,  
183, 157) }
```

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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