

Converting Colors

CIELCh(69, 25.309, 226.064)

Have a look what the booklet for
CIELCh(69, 25.309, 226.064)
contains.

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Color

CIELCh(69, 25.304, 226.631)

Conversions

Conversions Part 1

Format	Color
Hex	68B3C9
RGB	104, 179, 201
RGB Percent	41%, 70%, 79%
CMY	0.5926, 0.2985, 0.2122
CMYK	0.48, 0.11, 0.00, 0.21
HSL	194°, 47%, 60%
HSV	194°, 48%, 79%
XYZ	32.3234, 39.3444, 61.0799
YIQ	159.0830, -51.7620, -9.0580

Conversions

Conversions Part 2

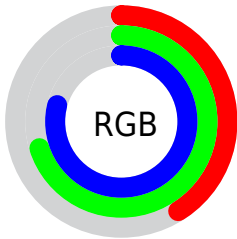
Format	Color
RYB	104, 146, 201
Decimal	6861769
CIELab	69.00, -17.38, -18.39
CIELCh	69, 25.304, 226.631
Yxy	39.3444, 0.2435, 0.2964
Android (android.graphics.Color)	4285051849 (0xFF68B3C9)
YUV	159.0830, 20.6651, -48.3078
Hunter-Lab	62.7251, -17.7847, -13.8273

Details

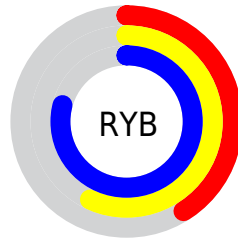
The CIELCh color **69, 25.304, 226.631** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 35.998, 42.157**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 24.940, 222.966**, and **49, 25.297, 226.929** is the 20% darker color. If you saturate the color by 10%, you get **67, 28.998, 228.362**, and if you desaturate by 10%, it is **71, 20.975, 225.299**.

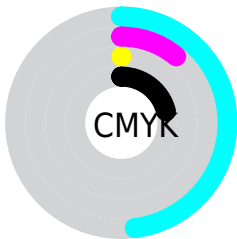
Distribution



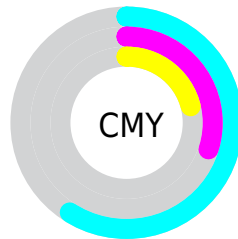
- Red (41%)
- Green (70%)
- Blue (79%)



- Red (41%)
- Yellow (57%)
- Blue (79%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)





- Cyan (59%)
- Magenta (30%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 25.304, 226.631 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, 25.304, 226.631 by changing the saturation by 10% instead.


 69, 25.304,
226.631


 69, 25.304,
226.631


 100, 25.304,
226.631


 59, 25.304,
226.631


 89, 25.304,
226.631

 49, 25.304,
226.631

 99, 25.304,
226.631

 39, 25.304,
226.631

 29, 25.304,
226.631

 19, 25.304,
226.631

 9, 25.304, 226.631

 0, 25.304, 226.631

69, 25.304,
226.631

69, 25.304,
226.631

67, 28.998,
228.362

71, 20.975,
225.299

65, 32.006,
230.585

74, 16.089,
224.296

63, 34.322,
233.387

76, 10.732,
223.559

61, 36.001,
236.840

79, 4.992, 223.064

60, 37.209,
240.917

81, 1.053, 42.053

60, 37.413,
241.628

84, 7.331, 42.219

87, 13.784, 42.078

89, 16.913, 46.464

90, 16.654, 56.088

Harmonies

Complementary

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



69, 25.304, 226.631



60, 35.998, 42.157

Rectangle

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



69, 25.304, 226.631



69, 25.304, 276.631



69, 25.304, 46.631



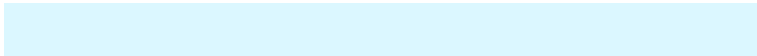
69, 25.304, 96.631

Sweetspot

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



69, 25.303, 226.629



95, 10.086, 223.325



74, 53.718, 146.835



50, 6.922, 223.445



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 25.303, 226.629



83, 34.916, 228.467



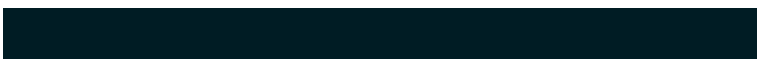
56, 40.228, 283.328



41, 3.380, 223.104



49, 31.974, 240.904



8, 11.124, 231.174

Inverse Universe

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



58, 53.367, 334.808



67, 75.659, 335.646



72, 39.209, 88.745



39, 6.304, 332.045



37, 69.598, 339.697



4, 21.920, 336.391

Previews

White Background



This preview shows how the CIE LCh color 69, 25.304, 226.631 looks on a white background.

Color Contrast Check

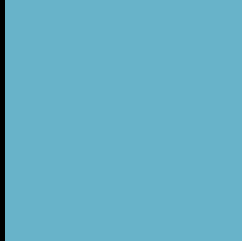
Large Text (above 18pt) WCAG AA × Fail

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, 25.304, 226.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

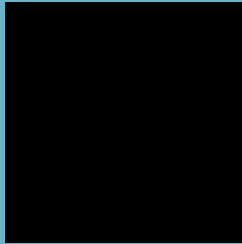
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 25.304, 226.631

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.304, 226.631.

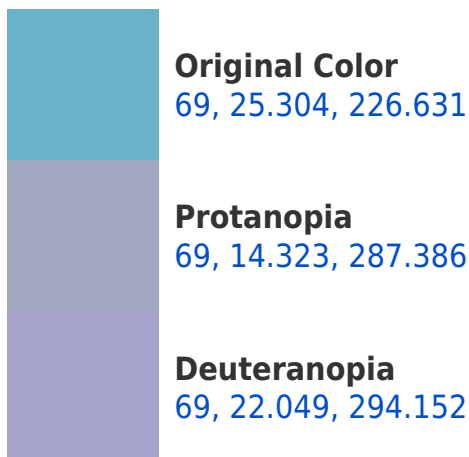


This preview shows how white text looks on a background with the CIELCh color 69, 25.304, 226.631.

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](#).

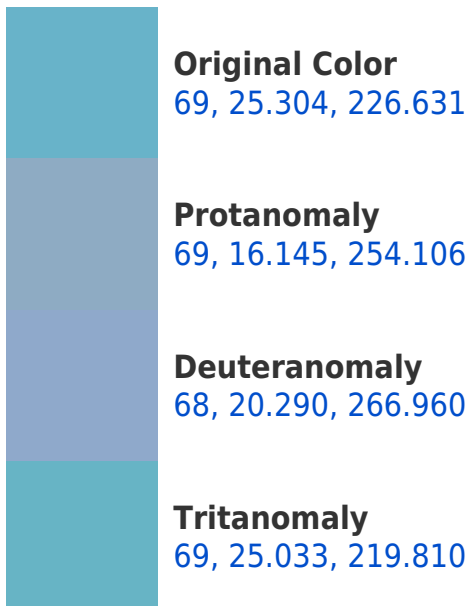
Dichromacy





Tritanopia
69, 24.984, 215.733

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.304, 226.631 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(104, 179, 201)` looks like.

```
.text, #text, p{  
    color:rgb(104, 179, 201)  
}
```

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(104, 179, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 179, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.304, 226.631 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(104, 179, 201) }
```

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

```
.border{ border-color:rgb(104, 179, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 179, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 179, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 179, 201);  
box-shadow:4px 4px 4px 4px rgb(104, 179,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.304, 226.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 179, 201) }
```

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

```
.background{ background-color: rgb(104,  
179, 201) }
```

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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