

Converting Colors

CIELCh(69, 25.574, 226.385)

Have a look what the booklet for
CIELCh(69, 25.574, 226.385)
contains.

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Color

CIELCh(69, 25.513, 226.361)

Conversions

Conversions Part 1

Format	Color
Hex	67B3C9
RGB	103, 179, 201
RGB Percent	40%, 70%, 79%
CMY	0.5960, 0.2980, 0.2117
CMYK	0.49, 0.11, 0.00, 0.21
HSL	193°, 48%, 60%
HSV	193°, 49%, 79%
XYZ	32.2593, 39.3444, 61.1568
YIQ	158.7840, -52.3580, -9.2700

Conversions

Conversions Part 2

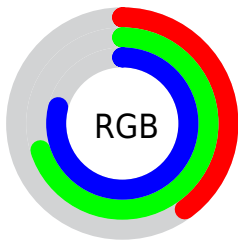
Format	Color
R _Y B	103, 146, 201
Decimal	6796233
CIE Lab	69.00, -17.61, -18.46
CIE LCh	69, 25.513, 226.361
Yxy	39.3444, 0.2430, 0.2964
Android (android.graphics.Color)	4284986313 (0xFF67B3C9)
YUV	158.7840, 20.8125, -48.9226
Hunter-Lab	62.7251, -17.9670, -13.9000

Details

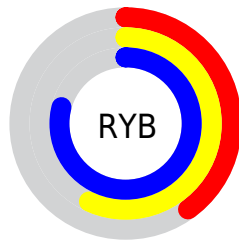
The CIELCh color **69, 25.513, 226.361** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 36.477, 41.963**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 25.179, 222.701**, and **49, 25.574, 226.555** is the 20% darker color. If you saturate the color by 10%, you get **67, 29.171, 228.091**, and if you desaturate by 10%, it is **71, 21.213, 225.031**.

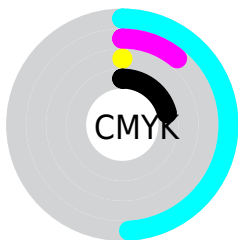
Distribution



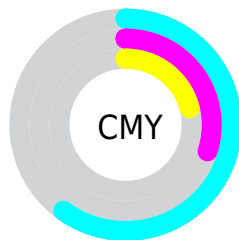
- Red (40%)
- Green (70%)
- Blue (79%)



- Red (40%)
- Yellow (57%)
- Blue (79%)



- Cyan (49%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)





- Cyan (60%)
- Magenta (30%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 25.513, 226.361 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, 25.513, 226.361 by changing the saturation by 10% instead.


 69, 25.513,
226.361


 69, 25.513,
226.361


 100, 25.513,
226.361


 59, 25.513,
226.361


 89, 25.513,
226.361

 49, 25.513,
226.361


 99, 25.513,
226.361

 39, 25.513,
226.361

 29, 25.513,
226.361

 19, 25.513,
226.361

 9, 25.513, 226.361

 0, 25.513, 226.361

69, 25.513,
226.361

69, 25.513,
226.361

67, 29.171,
228.091

71, 21.213,
225.031

65, 32.138,
230.314

74, 16.348,
224.030

63, 34.408,
233.116

76, 11.007,
223.295

62, 36.040,
236.567

79, 5.275, 222.800

81, 0.765, 41.605

60, 37.212,
240.627

84, 7.044, 41.966

60, 37.358,
241.140

87, 13.500, 41.832

89, 16.908, 45.810

90, 16.617, 55.344

Harmonies

Complementary

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



69, 25.513, 226.361



60, 36.477, 41.963

Rectangle

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



69, 25.513, 226.361



69, 25.513, 276.361



69, 25.513, 46.361



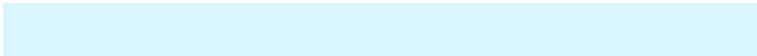
69, 25.513, 96.361

Sweetspot

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



69, 25.512, 226.359



95, 10.786, 223.091



74, 54.230, 146.777



50, 7.316, 223.210



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, 25.512, 226.359



83, 35.318, 228.305



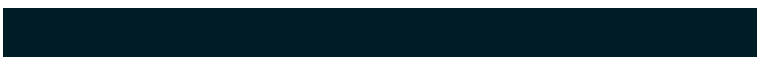
55, 40.661, 283.443



41, 3.383, 222.822



49, 31.917, 240.419



8, 11.125, 230.748

Inverse Universe

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



57, 53.941, 334.750



67, 76.811, 335.629



72, 39.609, 88.681



39, 6.314, 331.961



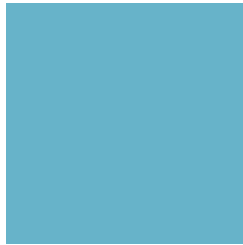
37, 69.712, 339.552



4, 21.965, 336.271

Previews

White Background



This preview shows how the CIELCh color 69, 25.513, 226.361 looks on a white background.

Color Contrast Check

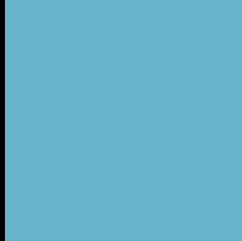
Large Text (above 18pt) WCAG AA × Fail

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, 25.513, 226.361 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, 25.513, 226.361

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.513, 226.361.



This preview shows how white text looks on a background with the CIELCh color 69, 25.513, 226.361.

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

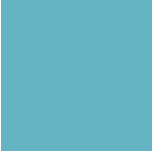
69, 25.513, 226.361

Protanopia

69, 14.323, 287.386

Deuteranopia

69, 22.036, 293.263



Tritanopia
69, 25.288, 216.833

Trichromacy



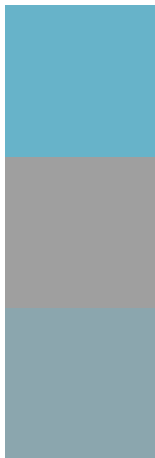
Original Color
69, 25.513, 226.361

Protanomaly
69, 16.329, 253.187

Deuteranomaly
68, 20.412, 266.148

Tritanomaly
69, 25.254, 219.591

Monochromacy



Original Color
69, 25.513, 226.361

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.447, 223.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.513, 226.361 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, 179, 201)` looks like.

```
.text, #text, p{  
    color:rgb(103, 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(103, 179, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 179, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.513, 226.361 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, 179, 201) }
```

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

```
.border{ border-color:rgb(103, 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(103, 179, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 179, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 179, 201);  
box-shadow:4px 4px 4px 4px rgb(103, 179,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.513, 226.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 179, 201) }
```

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

```
.background{ background-color: rgb(103,  
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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