

Converting Colors

CIELCh(69, 8.361, 226.366)

Have a look what the booklet for
CIELCh(69, 8.361, 226.366) contains.

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Color

CIELCh(69, 8.361, 226.366)

Conversions

Conversions Part 1

Format	Color
Hex	97ACB3
RGB	151, 172, 179
RGB Percent	59%, 67%, 70%
CMY	0.4078, 0.3254, 0.2980
CMYK	0.16, 0.04, 0.00, 0.30
HSL	195°, 16%, 65%
HSV	195°, 16%, 70%
XYZ	35.6567, 39.3444, 48.3682
YIQ	166.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

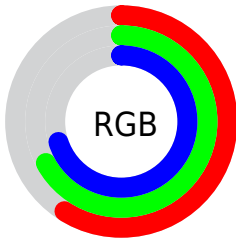
Format	Color
RYB	151, 163, 179
Decimal	9940147
CIELab	69.00, -5.77, -6.05
CIELCh	69, 8.361, 226.366
Yxy	39.3444, 0.2890, 0.3189
Android (android.graphics.Color)	4288130227 (0xFF97ACB3)
YUV	166.5190, 6.1531, -13.6102
Hunter-Lab	62.7251, -8.2989, -1.8118

Details

The CIELCh color `69, 8.361, 226.366` is a light color, and the websafe version is hex `999999`. A complement of this color would be `67, 9.189, 44.734`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `89, 8.537, 228.327`, and `49, 8.227, 224.177` is the 20% darker color. If you saturate the color by 10%, you get `67, 13.323, 227.152`, and if you desaturate by 10%, it is `72, 3.089, 225.837`.

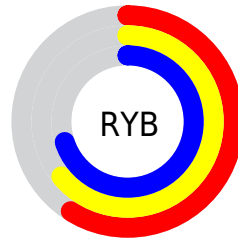
Distribution



Red (59%)

Green (67%)

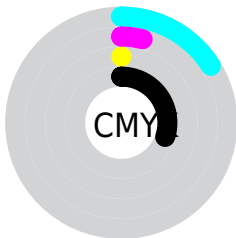
Blue (70%)



Red (59%)

Yellow (64%)

Blue (70%)

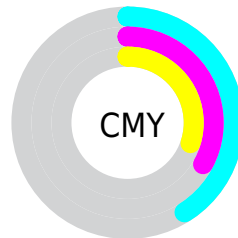


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (41%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.361, 226.366 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, 8.361, 226.366 by changing the saturation by 10% instead.

■ 69, 8.361, 226.366

■ 69, 8.361, 226.366

■ 100, 8.361,
226.366

■ 59, 8.361, 226.366

■ 89, 8.361, 226.366

■ 49, 8.361, 226.366

■ 99, 8.361, 226.366

■ 39, 8.361, 226.366

■ 29, 8.361, 226.366

■ 19, 8.361, 226.366

■ 9, 8.361, 226.366

■ 0, 8.361, 226.366

■ 69, 8.361, 226.366

■ 69, 8.361, 226.366

■ 67, 13.323,

■ 72, 3.089, 225.837

227.152

74, 2.428, 45.020

64, 17.904,
228.217

77, 8.131, 44.825

62, 22.028,
229.608

79, 13.973, 44.610

60, 25.629,
231.399

82, 19.913, 44.456

58, 28.657,
233.679

85, 24.651, 45.564

56, 31.099,
236.536

86, 24.224, 51.973

54, 32.994,
240.045

87, 24.116, 58.521

53, 34.450,
244.223

52, 35.057,
246.112

Harmonies

Complementary

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



69, 8.361, 226.366



67, 9.189, 44.734

Rectangle

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



69, 8.361, 226.366



69, 8.361, 276.366



69, 8.361, 46.366



69, 8.361, 96.366

Sweetspot

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



69, 8.361, 226.355



90, 3.385, 225.825



70, 15.873, 150.662



48, 2.324, 225.841



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, 8.361, 226.355



86, 12.419, 226.620



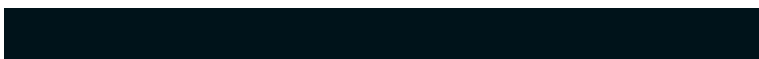
65, 11.651, 278.144



36, 3.068, 225.982



45, 31.121, 245.479



5, 7.488, 236.977

Inverse Universe

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



66, 15.758, 333.336



81, 23.676, 333.591



70, 11.557, 94.220



35, 5.670, 332.903



34, 65.358, 341.112



2, 12.737, 336.129

Previews

White Background



This preview shows how the CIELCh color 69, 8.361, 226.366 looks on a white background.

Color Contrast Check

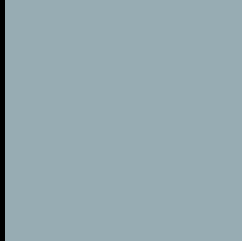
Large Text (above 18pt) WCAG AA × Fail

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, 8.361, 226.366 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

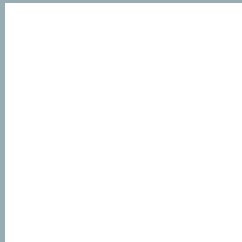
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 8.361, 226.366

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.361, 226.366.



This preview shows how white text looks on a background with the CIELCh color 69, 8.361, 226.366.

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

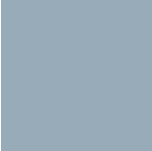
69, 8.361, 226.366

Protanopia

69, 5.017, 299.178

Deuteranopia

69, 11.595, 321.853



Tritanopia
69, 10.064, 249.086

Trichromacy



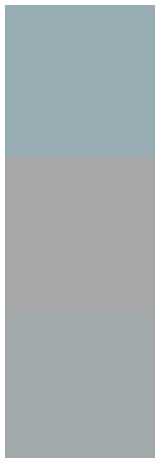
Original Color
69, 8.361, 226.366

Protanomaly
69, 5.045, 260.102

Deuteranomaly
69, 7.800, 299.068

Tritanomaly
69, 9.304, 244.317

Monochromacy



Original Color
69, 8.361, 226.366

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 3.148, 219.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.361, 226.366 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(151, 172, 179)` looks like.

```
.text, #text, p{  
    color:rgb(151, 172, 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(151, 172, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 172, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.361, 226.366 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(151, 172, 179) }
```

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

```
.border{ border-color:rgb(151, 172, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 172, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 172, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 172, 179);  
box-shadow:4px 4px 4px 4px rgb(151, 172,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.361, 226.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 172, 179) }
```

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

```
.background{ background-color: rgb(151,  
172, 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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