

Converting Colors

CIELCh(69, 22.111, 249.199)

Have a look what the booklet for
CIELCh(69, 22.111, 249.199)
contains.

CIELCh(69, 22.152, 249.279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 22.152, 249.279)

Conversions

Conversions Part 1

Format	Color
Hex	7FAECD
RGB	127, 174, 205
RGB Percent	50%, 68%, 80%
CMY	0.5008, 0.3165, 0.1949
CMYK	0.38, 0.15, 0.00, 0.19
HSL	204°, 44%, 65%
HSV	204°, 38%, 81%
XYZ	35.0467, 39.3444, 63.6987
YIQ	163.4810, -37.9630, -0.3230

Conversions

Conversions Part 2

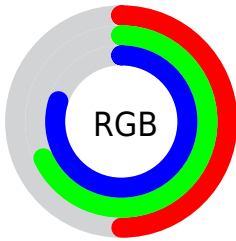
Format	Color
R _{YB}	127, 156, 205
Decimal	8367821
CIE Lab	69.00, -7.84, -20.72
CIE LCh	69, 22.152, 249.279
Yxy	39.3444, 0.2538, 0.2849
Android (android.graphics.Color)	4286557901 (0xFF7FAECD)
YUV	163.4810, 20.4689, -31.9938
Hunter-Lab	62.7251, -10.0348, -16.3027

Details

The CIELCh color **69, 22.152, 249.279** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **69, 26.495, 59.863**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 19.839, 242.063**, and **49, 22.126, 249.216** is the 20% darker color. If you saturate the color by 10%, you get **66, 27.351, 251.619**, and if you desaturate by 10%, it is **72, 16.648, 247.359**.

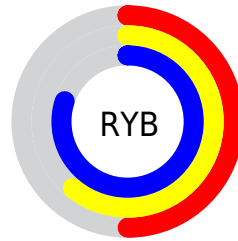
Distribution



Red (50%)

Green (68%)

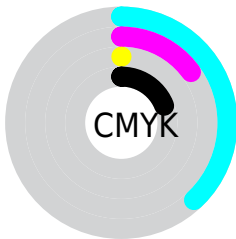
Blue (80%)



Red (50%)

Yellow (61%)

Blue (80%)

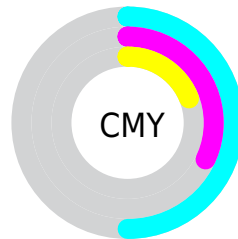


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (19%)



Cyan (50%)


Magenta (32%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 22.152, 249.279 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, 22.152, 249.279 by changing the saturation by 10% instead.


 69, 22.152,
249.279


 69, 22.152,
249.279


 100, 22.152,
249.279


 59, 22.152,
249.279


 89, 22.152,
249.279

 49, 22.152,
249.279


 99, 22.152,
249.279

 39, 22.152,
249.279

 29, 22.152,
249.279

 19, 22.152,
249.279

 9, 22.152, 249.279

 0, 22.152, 249.279

69, 22.152,
249.279

69, 22.152,
249.279

66, 27.351,
251.619

72, 16.648,
247.359

62, 32.221,
254.463

76, 10.884,
245.797

59, 36.766,
257.874

80, 4.907, 244.553

56, 41.035,
261.887

83, 1.237, 63.024

87, 7.505, 62.443

54, 45.133,
266.466

91, 13.861, 61.730

51, 49.222,
271.429

93, 16.133, 75.644

95, 18.460, 90.463

50, 50.072,
272.392

97, 21.715,
101.301

Harmonies

Complementary

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



69, 22.152, 249.279



69, 26.495, 59.863

Rectangle

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



69, 22.152, 249.279



69, 22.152, 299.279



69, 22.152, 69.279



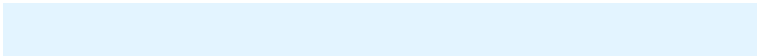
69, 22.152, 119.279

Sweetspot

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



69, 22.151, 249.277



95, 8.014, 244.907



77, 38.225, 154.420



50, 5.374, 245.073



0, 0.000, 0.000



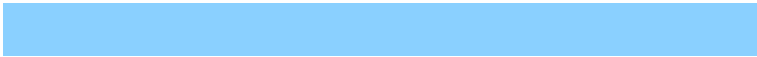
53, 0.007, 296.813

Same Dimension

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



69, 22.151, 249.277



81, 31.362, 251.259



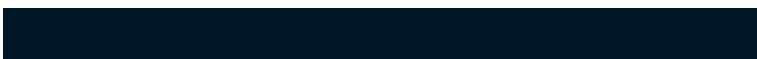
59, 39.099, 290.384



41, 3.457, 244.705



41, 42.193, 271.553



7, 13.317, 259.810

Inverse Universe

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



63, 38.726, 341.753



72, 55.408, 342.681



79, 36.390, 100.870



40, 5.700, 339.182



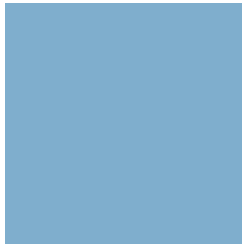
36, 63.465, 352.407



4, 21.152, 346.977

Previews

White Background



This preview shows how the CIELCh color 69, 22.152, 249.279 looks on a white background.

Color Contrast Check

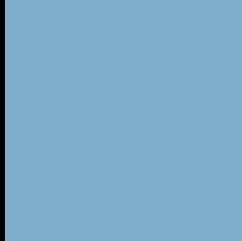
Large Text (above 18pt) WCAG AA × Fail

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, 22.152, 249.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

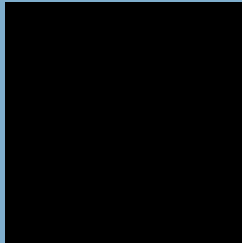
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

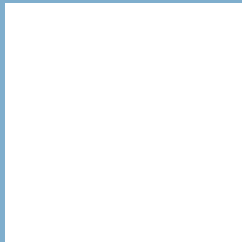
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 22.152, 249.279

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.152, 249.279.



This preview shows how white text looks on a background with the CIELCh color 69, 22.152, 249.279.

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](#).

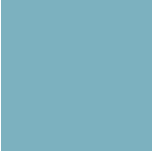
Dichromacy



Original Color
69, 22.152, 249.279

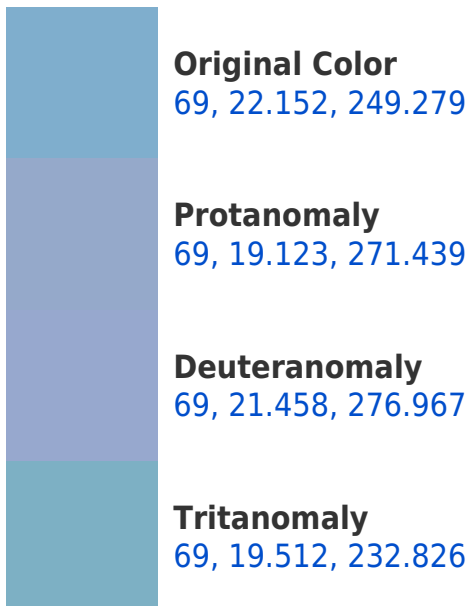
Protanopia
69, 18.740, 286.785

Deuteranopia
69, 23.674, 292.533

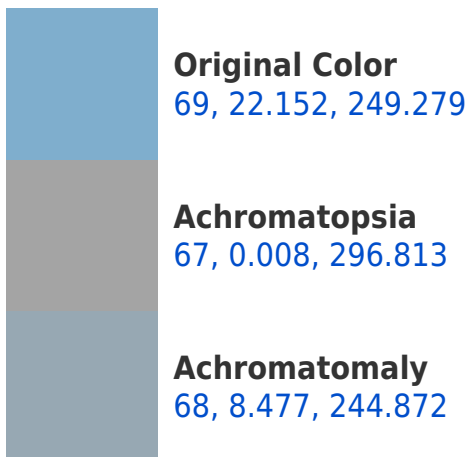


Tritanopia
69, 18.796, 222.476

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.152, 249.279 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(127, 174, 205)` looks like.

```
.text, #text, p{  
    color:rgb(127, 174, 205)  
}
```

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(127, 174, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 174, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.152, 249.279 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(127, 174, 205) }
```

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

```
.border{ border-color:rgb(127, 174, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 174, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 174, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 174, 205);  
box-shadow:4px 4px 4px 4px rgb(127, 174,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.152, 249.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 174, 205) }
```

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

```
.background{ background-color: rgb(127,  
174, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor