

Converting Colors

CIELCh(69, 21.739, 220.238)

Have a look what the booklet for
CIELCh(69, 21.739, 220.238)
contains.

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Color

CIELCh(69, 21.740, 220.391)

Conversions

Conversions Part 1

Format	Color
Hex	72B2C1
RGB	114, 178, 193
RGB Percent	45%, 70%, 76%
CMY	0.5523, 0.3014, 0.2425
CMYK	0.41, 0.08, 0.00, 0.24
HSL	191°, 39%, 60%
HSV	191°, 41%, 76%
XYZ	32.5512, 39.3444, 56.4190
YIQ	160.5740, -42.9590, -8.9030

Conversions

Conversions Part 2

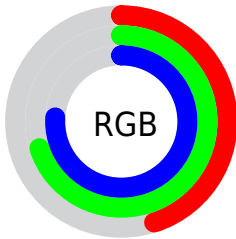
Format	Color
RYB	114, 149, 193
Decimal	7516865
CIELab	69.00, -16.56, -14.09
CIElCh	69, 21.740, 220.391
Yxy	39.3444, 0.2537, 0.3066
Android (android.graphics.Color)	4285706945 (0xFF72B2C1)
YUV	160.5740, 15.9860, -40.8454
Hunter-Lab	62.7251, -17.1363, -9.4216

Details

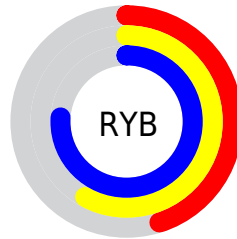
The CIELCh color **69, 21.740, 220.391** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 29.269, 38.517**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 21.755, 219.387**, and **49, 21.559, 220.182** is the 20% darker color. If you saturate the color by 10%, you get **67, 25.760, 221.490**, and if you desaturate by 10%, it is **71, 17.118, 219.581**.

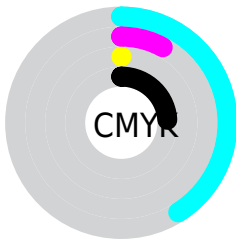
Distribution



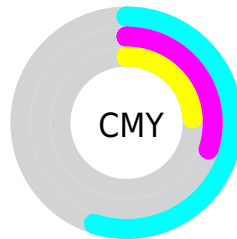
- Red (45%)
- Green (70%)
- Blue (76%)



- Red (45%)
- Yellow (58%)
- Blue (76%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)





- Cyan (55%)
- Magenta (30%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 21.740, 220.391 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, 21.740, 220.391 by changing the saturation by 10% instead.


 69, 21.740,
220.391


 69, 21.740,
220.391


 100, 21.740,
220.391


 59, 21.740,
220.391


 89, 21.740,
220.391

 49, 21.740,
220.391

 99, 21.740,
220.391

 39, 21.740,
220.391

 29, 21.740,
220.391

 19, 21.740,
220.391

 9, 21.740, 220.391

 0, 21.740, 220.391

69, 21.740,
220.391

69, 21.740,
220.391

67, 25.760,
221.490

71, 17.118,
219.581

65, 29.103,
222.955

73, 11.985,
219.015

64, 31.717,
224.861

76, 6.433, 218.657

62, 33.598,
227.287

78, 0.546, 219.296

80, 5.600, 38.088

61, 34.803,
230.303

83, 11.939, 38.085

60, 35.505,
233.481

86, 18.418, 38.114

87, 19.865, 42.531

88, 19.422, 49.046

Harmonies

Complementary

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



69, 21.740, 220.391



60, 29.269, 38.517

Rectangle

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



69, 21.740, 220.391



69, 21.740, 270.391



69, 21.740, 40.391



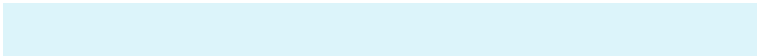
69, 21.740, 90.391

Sweetspot

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



69, 21.740, 220.388



95, 8.699, 218.691



72, 45.555, 146.609



50, 5.749, 218.729



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 21.740, 220.388



85, 30.751, 221.348



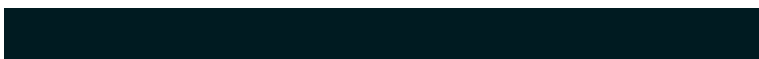
58, 31.318, 279.243



40, 3.368, 218.623



50, 30.946, 232.919



8, 10.431, 225.434

Inverse Universe

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



59, 45.425, 332.807



70, 66.093, 333.423



70, 31.264, 87.163



38, 6.334, 330.722



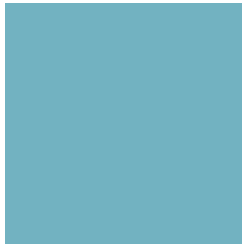
36, 70.688, 337.427



4, 20.227, 334.031

Previews

White Background



This preview shows how the CIE LCh color 69, 21.740, 220.391 looks on a white background.

Color Contrast Check

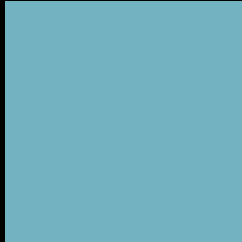
Large Text (above 18pt) WCAG AA × Fail

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, 21.740, 220.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

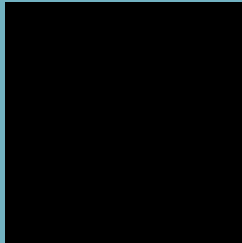
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 21.740, 220.391

Background



This preview shows how black text looks on a background with the CIELCh color 69, 21.740, 220.391.



This preview shows how white text looks on a background with the CIELCh color 69, 21.740, 220.391.

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, 21.740, 220.391

Protanopia
69, 11.006, 289.423

Deuteranopia
69, 17.786, 298.759



Tritanopia
69, 21.740, 220.391

Trichromacy



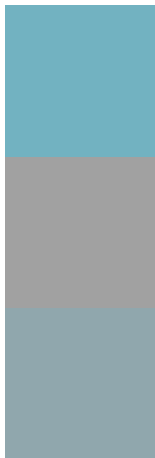
Original Color
69, 21.740, 220.391

Protanomaly
68, 12.938, 253.180

Deuteranomaly
69, 15.518, 266.798

Tritanomaly
69, 21.740, 220.391

Monochromacy



Original Color
69, 21.740, 220.391

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 8.827, 220.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 21.740, 220.391 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(114, 178, 193)` looks like.

```
.text, #text, p{  
    color:rgb(114, 178, 193)  
}
```

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(114, 178, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 178, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 21.740, 220.391 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(114, 178, 193) }
```

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

```
.border{ border-color:rgb(114, 178, 193) }
```

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

Here you see how a box with a 4 pixel rgb(114, 178, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 178, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 178, 193);  
box-shadow:4px 4px 4px 4px rgb(114, 178,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 21.740, 220.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 178, 193) }
```

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

```
.background{ background-color: rgb(114,  
178, 193) }
```

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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