

Converting Colors

CIELCh(69, 22.459, 251.713)

Have a look what the booklet for
CIELCh(69, 22.459, 251.713)
contains.

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Color

CIELCh(69, 22.354, 250.927)

Conversions

Conversions Part 1

Format	Color
Hex	80AECE
RGB	128, 174, 206
RGB Percent	50%, 68%, 81%
CMY	0.4978, 0.3174, 0.1919
CMYK	0.38, 0.16, 0.00, 0.19
HSL	205°, 44%, 66%
HSV	205°, 38%, 81%
XYZ	35.2032, 39.3444, 64.1657
YIQ	163.8940, -37.6880, 0.2000

Conversions

Conversions Part 2

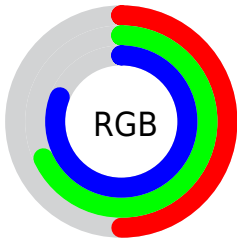
Format	Color
RYB	128, 157, 206
Decimal	8433358
CIELab	69.00, -7.30, -21.13
CIELCh	69, 22.354, 250.927
Yxy	39.3444, 0.2538, 0.2836
Android (android.graphics.Color)	4286623438 (0xFF80AECE)
YUV	163.8940, 20.7583, -31.4790
Hunter-Lab	62.7251, -9.5893, -16.7441

Details

The CIELCh color `69, 22.354, 250.927` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `69, 26.487, 61.248`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `89, 19.626, 242.664`, and `49, 22.356, 250.945` is the 20% darker color. If you saturate the color by 10%, you get `66, 27.674, 253.299`, and if you desaturate by 10%, it is `73, 16.750, 248.974`.

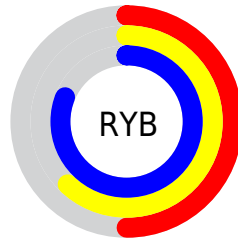
Distribution



Red (50%)

Green (68%)

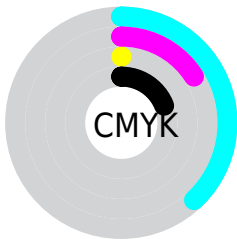
Blue (81%)



Red (50%)

Yellow (62%)

Blue (81%)

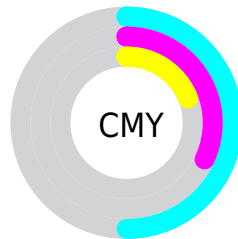


Cyan (38%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (50%)

Magenta (32%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 22.354, 250.927 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, 22.354, 250.927 by changing the saturation by 10% instead.

 69, 22.354,
250.927


 69, 22.354,
250.927


 100, 22.354,
250.927


 59, 22.354,
250.927


 89, 22.354,
250.927

 49, 22.354,
250.927

 99, 22.354,
250.927

 39, 22.354,
250.927

 29, 22.354,
250.927

 19, 22.354,
250.927

 9, 22.354, 250.927

 0, 22.354, 250.927

69, 22.354,
250.927

69, 22.354,
250.927

66, 27.674,
253.299

73, 16.750,
248.974

62, 32.692,
256.171

76, 10.905,
247.378

59, 37.412,
259.603

80, 4.862, 246.101

56, 41.888,
263.623

84, 1.335, 64.574

87, 7.645, 63.933

53, 46.224,
268.189

91, 14.033, 63.189

50, 50.576,
273.118

94, 16.206, 78.655

96, 18.856, 93.347

50, 51.544,
274.140

98, 22.410,
103.791

Harmonies

Complementary

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



69, 22.354, 250.927



69, 26.487, 61.248

Rectangle

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



69, 22.354, 250.927



69, 22.354, 300.927



69, 22.354, 70.927



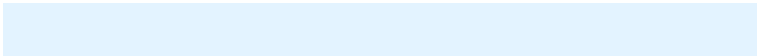
69, 22.354, 120.927

Sweetspot

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



69, 22.353, 250.925



95, 8.061, 246.482



77, 37.694, 155.166



50, 5.407, 246.654



0, 0.000, 0.000



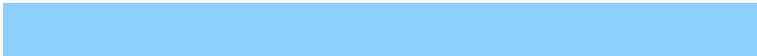
53, 0.007, 296.813

Same Dimension

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



69, 22.353, 250.925



81, 31.094, 252.713



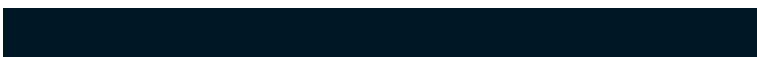
59, 39.829, 291.119



41, 3.476, 246.274



40, 43.284, 273.298



7, 13.527, 261.494

Inverse Universe

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



63, 38.388, 342.396



73, 53.860, 343.246



79, 36.929, 101.777



40, 5.649, 339.790



36, 63.111, 353.499



4, 20.975, 347.805

Previews

White Background



This preview shows how the CIELCh color 69, 22.354, 250.927 looks on a white background.

Color Contrast Check

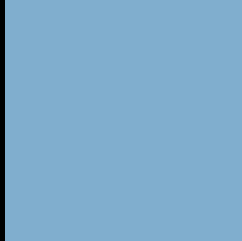
Large Text (above 18pt) WCAG AA × Fail

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, 22.354, 250.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

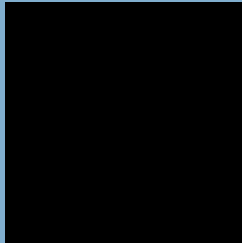
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

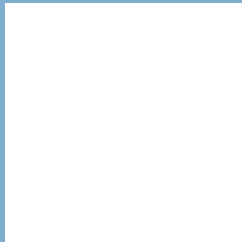
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 22.354, 250.927

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.354, 250.927.



This preview shows how white text looks on a background with the CIELCh color 69, 22.354, 250.927.

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

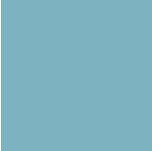
69, 22.354, 250.927

Protanopia

69, 19.286, 287.001

Deuteranopia

69, 24.222, 292.585



Tritanopia
69, 18.796, 222.476

Trichromacy



Original Color
69, 22.354, 250.927

Protanomaly
69, 19.630, 272.104

Deuteranomaly
69, 21.982, 277.436

Tritanomaly
69, 19.512, 232.826

Monochromacy



Original Color
69, 22.354, 250.927

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.477, 244.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.354, 250.927 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(128, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(128, 174, 206)  
}
```

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(128, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 174, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.354, 250.927 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(128, 174, 206) }
```

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

```
.border{ border-color:rgb(128, 174, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(128, 174,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.354, 250.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 174, 206) }
```

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

```
.background{ background-color: rgb(128,  
174, 206) }
```

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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