

Converting Colors

CIELCh(68, 23.773, 273.681)

Have a look what the booklet for
CIELCh(68, 23.773, 273.681)
contains.

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Color

CIELCh(68, 23.612, 273.104)

Conversions

Conversions Part 1

Format	Color
Hex	8FA7D0
RGB	143, 167, 208
RGB Percent	56%, 65%, 82%
CMY	0.4397, 0.3455, 0.1848
CMYK	0.31, 0.20, 0.00, 0.18
HSL	218°, 41%, 69%
HSV	218°, 31%, 82%
XYZ	36.4750, 37.9720, 65.0032
YIQ	164.4980, -27.4650, 7.6630

Conversions

Conversions Part 2

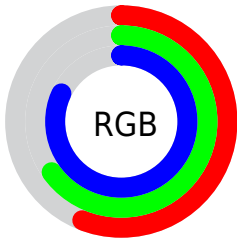
Format	Color
RYB	143, 161, 208
Decimal	9414608
CIELab	68.00, 1.28, -23.58
CIElCh	68, 23.612, 273.104
Yxy	37.9720, 0.2616, 0.2723
Android (android.graphics.Color)	4287604688 (0xFF8FA7D0)
YUV	164.4980, 21.4465, -18.8537
Hunter-Lab	61.6215, -2.1798, -19.4088

Details

The CIELCh color $68, 23.612, 273.104$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 24.128, 84.064$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 18.712, 266.844$, and $48, 23.408, 273.381$ is the 20% darker color. If you saturate the color by 10%, you get $63, 31.334, 275.273$, and if you desaturate by 10%, it is $73, 15.974, 271.254$.

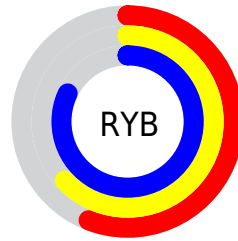
Distribution



Red (56%)

Green (65%)

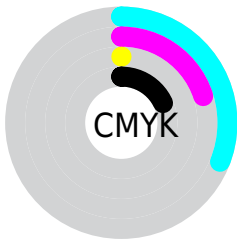
Blue (82%)



Red (56%)

Yellow (63%)

Blue (82%)

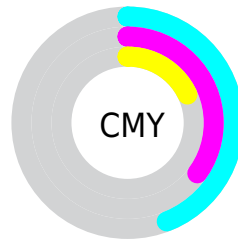


Cyan (31%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (44%)

Magenta (35%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 23.612, 273.104 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 68, 23.612, 273.104 by changing the saturation by 10% instead.

 68, 23.612,
273.104

 68, 23.612,
273.104


 100, 23.612,
273.104


 58, 23.612,
273.104


 88, 23.612,
273.104

 48, 23.612,
273.104

 98, 23.612,
273.104

 38, 23.612,
273.104

 28, 23.612,
273.104

 18, 23.612,
273.104

 8, 23.612, 273.104

 0, 23.612, 273.104

68, 23.612,
273.104

68, 23.612,
273.104

63, 31.334,
275.273

73, 15.974,
271.254

58, 39.160,
277.807

78, 8.419, 269.687

83, 0.948, 268.588

54, 47.119,
280.736

88, 6.435, 87.087

49, 55.255,
284.055

93, 13.724, 86.098

45, 63.605,
287.700

97, 19.487, 98.222

99, 23.792,
108.374

41, 72.157,
291.527

38, 79.708,
294.776

Harmonies

Complementary

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



68, 23.612, 273.104



76, 24.128, 84.064

Rectangle

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



68, 23.612, 273.104



68, 23.612, 323.104



68, 23.612, 93.104



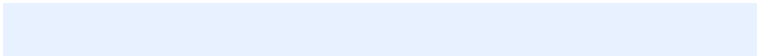
68, 23.612, 143.104

Sweetspot

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



68, 23.611, 273.103



95, 7.931, 269.384



79, 26.581, 167.371



50, 5.515, 269.589



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 23.611, 273.103



78, 34.004, 274.626



62, 36.649, 297.855



41, 4.257, 269.426



30, 67.047, 294.188



5, 18.991, 281.340

Inverse Universe

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



66, 28.216, 354.686



76, 40.656, 355.711



81, 34.022, 112.287



41, 4.994, 352.156



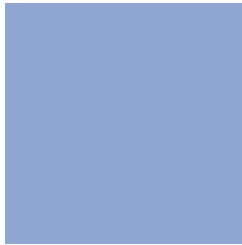
35, 62.488, 14.220



5, 20.813, 1.875

Previews

White Background



This preview shows how the CIELCh color 68, 23.612, 273.104 looks on a white background.

Color Contrast Check

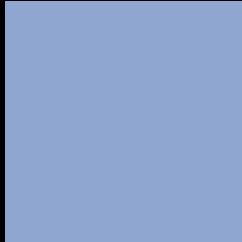
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 23.612, 273.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

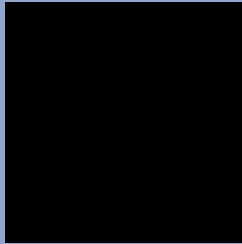
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 23.612, 273.104

Background



This preview shows how black text looks on a background with the CIELCh color 68, 23.612, 273.104.



This preview shows how white text looks on a background with the CIELCh color 68, 23.612, 273.104.

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

68, 23.612, 273.104

Protanopia

68, 23.260, 285.069

Deuteranopia

68, 25.926, 290.566



Tritanopia
68, 13.516, 233.623

Trichromacy



Original Color
68, 23.612, 273.104

Protanomaly
68, 23.456, 281.096

Deuteranomaly
68, 24.959, 284.294

Tritanomaly
68, 15.934, 251.857

Monochromacy



Original Color
68, 23.612, 273.104

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.817, 269.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 23.612, 273.104 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(143, 167, 208)` looks like.

```
.text, #text, p{  
    color:rgb(143, 167, 208)  
}
```

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(143, 167, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 167, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 23.612, 273.104 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(143, 167, 208) }
```

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

```
.border{ border-color:rgb(143, 167, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 167, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 167, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 167, 208);  
box-shadow:4px 4px 4px 4px rgb(143, 167,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 23.612, 273.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 167, 208) }
```

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

```
.background{ background-color: rgb(143,  
167, 208) }
```

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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