

Converting Colors

CIELCh(68, 19.225, 277.225)

Have a look what the booklet for
CIELCh(68, 19.225, 277.225)
contains.

CIELCh(68, 19.251, 276.789)	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(68, 19.251, 276.789)

Conversions

Conversions Part 1

Format	Color
Hex	97A6C8
RGB	151, 166, 200
RGB Percent	59%, 65%, 78%
CMY	0.4082, 0.3494, 0.2161
CMYK	0.25, 0.17, 0.00, 0.22
HSL	222°, 31%, 69%
HSV	222°, 25%, 78%
XYZ	36.7761, 37.9720, 59.9727
YIQ	165.3910, -19.8540, 7.3940

Conversions

Conversions Part 2

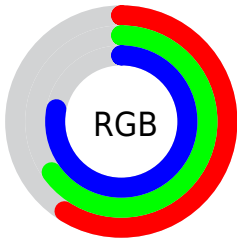
Format	Color
RYB	151, 162, 200
Decimal	9938632
CIELab	68.00, 2.28, -19.12
CIElCh	68, 19.251, 276.789
Yxy	37.9720, 0.2730, 0.2819
Android (android.graphics.Color)	4288128712 (0xFF97A6C8)
YUV	165.3910, 17.0622, -12.6209
Hunter-Lab	61.6215, -1.3075, -14.5686

Details

The CIELCh color $68, 19.251, 276.789$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 19.205, 90.162$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 18.303, 275.956$, and $48, 19.387, 277.096$ is the 20% darker color. If you saturate the color by 10%, you get $63, 27.370, 278.661$, and if you desaturate by 10%, it is $73, 11.291, 275.188$.

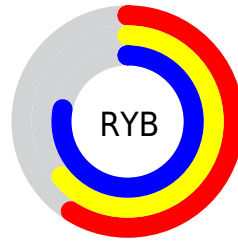
Distribution



Red (59%)

Green (65%)

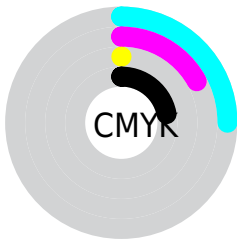
Blue (78%)



Red (59%)

Yellow (64%)

Blue (78%)

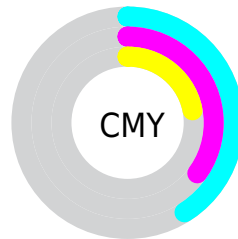


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (41%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 19.251, 276.789 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, 19.251, 276.789 by changing the saturation by 10% instead.

■ 68, 19.251,
276.789

■ 68, 19.251,
276.789

■ 100, 19.251,
276.789

■ 58, 19.251,
276.789

■ 88, 19.251,
276.789

■ 48, 19.251,
276.789

■ 98, 19.251,
276.789

■ 38, 19.251,
276.789

■ 28, 19.251,
276.789

■ 18, 19.251,
276.789

■ 8, 19.251, 276.789

■ 0, 19.251, 276.789

68, 19.251,
276.789

68, 19.251,
276.789

63, 27.370,
278.661

73, 11.291,
275.188

58, 35.669,
280.850

78, 3.483, 273.854

83, 4.179, 92.550

53, 44.172,
283.389

88, 11.697, 91.556

48, 52.914,
286.289

94, 19.073, 90.667

43, 61.914,
289.517

97, 25.040,
103.158

39, 71.135,
292.969

99, 27.784,
108.067

35, 80.396,
296.458

33, 85.385,

Harmonies

Complementary

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



68, 19.251, 276.789



76, 19.205, 90.162

Rectangle

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



68, 19.251, 276.789



68, 19.251, 326.789



68, 19.251, 96.789



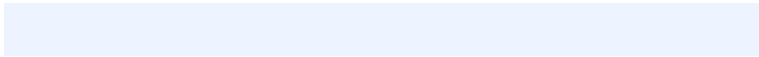
68, 19.251, 146.789

Sweetspot

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



68, 19.250, 276.787



96, 6.596, 274.168



77, 19.409, 172.466



51, 4.288, 274.246



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, 19.250, 276.787



82, 27.884, 277.669



65, 27.555, 299.362



39, 4.375, 274.466



27, 72.342, 297.717



3, 17.050, 282.128

Inverse Universe

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



67, 20.663, 358.096



81, 30.005, 358.744



79, 26.108, 115.630



39, 4.631, 356.359



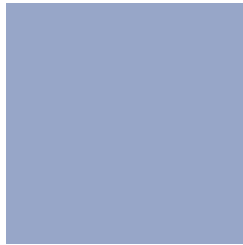
34, 62.430, 19.966



4, 16.545, 3.923

Previews

White Background



This preview shows how the CIELCh color 68, 19.251, 276.789 looks on a white background.

Color Contrast Check

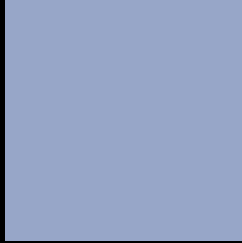
Large Text (above 18pt) WCAG AA × Fail

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 68, 19.251, 276.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

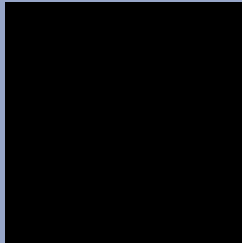
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 19.251, 276.789

Background



This preview shows how black text looks on a background with the CIELCh color 68, 19.251, 276.789.



This preview shows how white text looks on a background with the CIELCh color 68, 19.251, 276.789.

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, 19.251, 276.789

Protanopia

68, 19.354, 286.025

Deuteranopia

68, 21.548, 294.171



Tritanopia
68, 10.407, 242.613

Trichromacy



Original Color
68, 19.251, 276.789

Protanomaly
68, 18.950, 281.694

Deuteranomaly
68, 20.974, 288.561

Tritanomaly
68, 13.301, 259.891

Monochromacy



Original Color
68, 19.251, 276.789

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.361, 276.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 19.251, 276.789 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, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(151, 166, 200)  
}
```

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, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 166, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 19.251, 276.789 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, 166, 200) }
```

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

```
.border{ border-color:rgb(151, 166, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 166, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 166, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 166, 200); box-shadow:4px 4px 4px 4px rgb(151, 166, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 19.251, 276.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 166, 200) }
```

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

```
.background{ background-color: rgb(151,  
166, 200) }
```

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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