

Converting Colors

CIELCh(68, 6.202, 248.916)

Have a look what the booklet for
CIELCh(68, 6.202, 248.916) contains.

CIELCh(68, 6.302, 251.274)	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, 6.302, 251.274)

Conversions

Conversions Part 1

Format	Color
Hex	9CA7B0
RGB	156, 167, 176
RGB Percent	61%, 65%, 69%
CMY	0.3872, 0.3441, 0.3088
CMYK	0.11, 0.05, 0.00, 0.31
HSL	207°, 11%, 65%
HSV	207°, 11%, 69%
XYZ	35.4896, 37.9720, 46.6702
YIQ	164.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

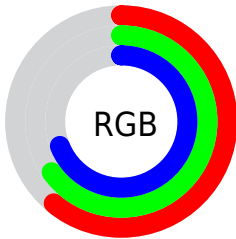
Format	Color
RYB	156, 163, 176
Decimal	10266544
CIELab	68.00, -2.02, -5.97
CIELCh	68, 6.302, 251.274
Yxy	37.9720, 0.2954, 0.3161
Android (android.graphics.Color)	4288456624 (0xFF9CA7B0)
YUV	164.7370, 5.5527, -7.6623
Hunter-Lab	61.6215, -5.0341, -1.7694

Details

The CIELCh color $68, 6.302, 251.274$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 6.534, 68.473$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 6.410, 254.015$, and $48, 6.470, 254.506$ is the 20% darker color. If you saturate the color by 10%, you get $65, 11.734, 252.722$, and if you desaturate by 10%, it is $71, 0.760, 250.440$.

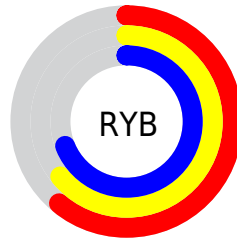
Distribution



Red (61%)

Green (65%)

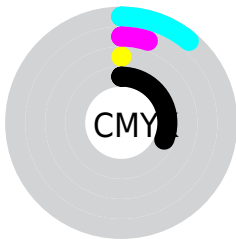
Blue (69%)



Red (61%)

Yellow (64%)

Blue (69%)

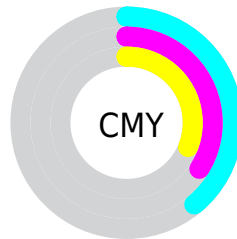


Cyan (11%)

Magenta (5%)

Yellow (0%)

Black (31%)



Cyan (39%)

Magenta (34%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 6.302, 251.274 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, 6.302, 251.274 by changing the saturation by 10% instead.

 68, 6.302, 251.274

 68, 6.302, 251.274

 100, 6.302,
251.274

 58, 6.302, 251.274

 88, 6.302, 251.274

 48, 6.302, 251.274

 98, 6.302, 251.274

 38, 6.302, 251.274

 28, 6.302, 251.274

 18, 6.302, 251.274

 8, 6.302, 251.274

 0, 6.302, 251.274

 68, 6.302, 251.274

 68, 6.302, 251.274

 65, 11.734,

 71, 0.760, 250.440

252.722

75, 4.859, 68.825

61, 17.027,
254.499

78, 10.531, 67.974

58, 22.152,
256.639

82, 16.231, 67.225

55, 27.087,
259.207

86, 21.942, 66.574

52, 31.829,
262.264

88, 25.751, 70.496

49, 36.403,
265.850

90, 27.296, 80.474

46, 40.871,
269.960

92, 29.577, 89.083

43, 45.329,
274.508

41, 49.297,
278.515

94, 32.425, 96.251

Harmonies

Complementary

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



68, 6.302, 251.274



69, 6.534, 68.473

Rectangle

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



68, 6.302, 251.274



68, 6.302, 301.274



68, 6.302, 71.274



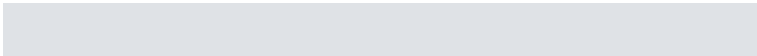
68, 6.302, 121.274

Sweetspot

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



68, 6.301, 251.260



90, 2.083, 250.367



70, 9.788, 159.367



47, 1.576, 250.417



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 6.301, 251.260



85, 9.607, 251.652



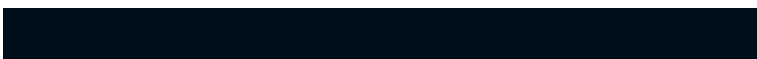
65, 10.377, 288.599



36, 3.183, 251.002



35, 43.963, 277.927



3, 8.427, 261.703

Inverse Universe

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



66, 9.782, 341.909



83, 14.996, 342.160



71, 10.149, 106.221



35, 4.921, 341.735



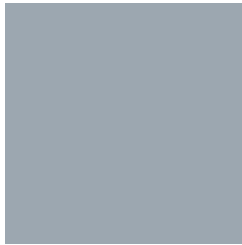
33, 58.690, 356.735



2, 10.931, 347.060

Previews

White Background



This preview shows how the CIELCh color 68, 6.302, 251.274 looks on a white background.

Color Contrast Check

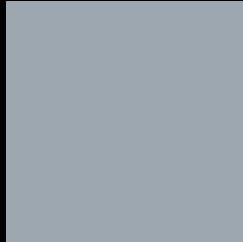
Large Text (above 18pt) WCAG AA × Fail

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, 6.302, 251.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

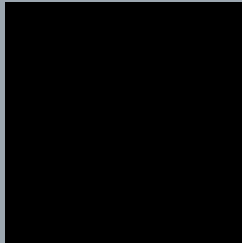
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

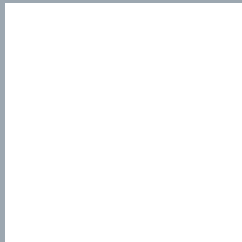
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 6.302, 251.274

Background



This preview shows how black text looks on a background with the CIELCh color 68, 6.302, 251.274.



This preview shows how white text looks on a background with the CIELCh color 68, 6.302, 251.274.

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, 6.302, 251.274

Protanopia

68, 5.531, 294.582

Deuteranopia

68, 10.960, 321.644



Tritanopia
68, 7.941, 263.905

Trichromacy



Original Color
68, 6.302, 251.274

Protanomaly
68, 5.147, 274.087

Deuteranomaly
68, 8.069, 306.900

Tritanomaly
68, 7.460, 261.870

Monochromacy



Original Color
68, 6.302, 251.274

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.213, 247.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 6.302, 251.274 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(156, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(156, 167, 176)  
}
```

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(156, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 167, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 6.302, 251.274 is called "border". The border property can be set on classes, ids or directly on the HTML element.

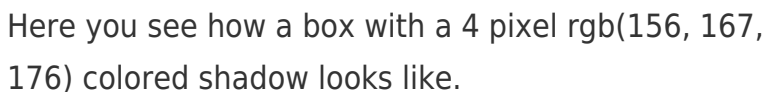
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 167, 176) }
```

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

```
.border{ border-color:rgb(156, 167, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 167, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 167, 176); box-shadow:4px 4px 4px 4px rgb(156, 167, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 6.302, 251.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 167, 176) }
```

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

```
.background{ background-color: rgb(156,  
167, 176) }
```

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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