

Converting Colors

CIELCh(62, 34.211, 302.155)

Have a look what the booklet for
CIELCh(62, 34.211, 302.155)
contains.

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Color

CIELCh(62, 34.220, 302.139)

Conversions

Conversions Part 1

Format	Color
Hex	9C8DC9
RGB	156, 141, 201
RGB Percent	61%, 55%, 79%
CMY	0.3876, 0.4465, 0.2111
CMYK	0.22, 0.30, 0.00, 0.21
HSL	255°, 36%, 67%
HSV	255°, 30%, 79%
XYZ	33.8493, 30.4025, 59.4423
YIQ	152.3250, -10.3200, 21.8400

Conversions

Conversions Part 2

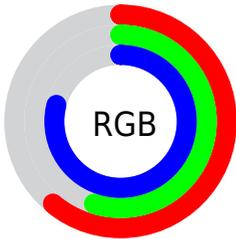
Format	Color
RYB	156, 141, 201
Decimal	10259913
CIELab	62.00, 18.20, -28.98
CIELCh	62, 34.220, 302.139
Yxy	30.4025, 0.2737, 0.2458
Android (android.graphics.Color)	4288449993 (0xFF9C8DC9)
YUV	152.3250, 23.9968, 3.2230
Hunter-Lab	55.1385, 13.0882, -25.3209

Details

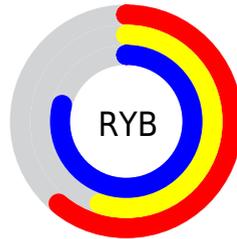
The CIELCh color $62, 34.220, 302.139$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 32.121, 118.040$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 32.418, 302.198$, and $42, 34.244, 302.256$ is the 20% darker color. If you saturate the color by 10%, you get $56, 46.493, 303.087$, and if you desaturate by 10%, it is $68, 22.337, 301.292$.

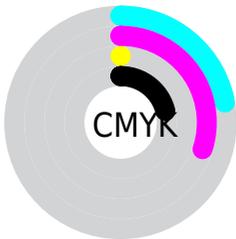
Distribution



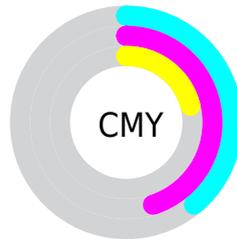
- Red (61%)
- Green (55%)
- Blue (79%)



- Red (61%)
- Yellow (55%)
- Blue (79%)



- Cyan (22%)
- Magenta (30%)
- Yellow (0%)
- Black (21%)



- Cyan (39%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 34.220, 302.139 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 62, 34.220, 302.139 by changing the saturation by 10% instead.

 62, 34.220,
302.139

 62, 34.220,
302.139

 100, 34.220,
302.139

 52, 34.220,
302.139

 82, 34.220,
302.139

 42, 34.220,
302.139

 92, 34.220,
302.139

 32, 34.220,
302.139

 22, 34.220,
302.139

 12, 34.220,
302.139

 2, 34.220, 302.139

 0, 34.220, 302.139

62, 34.220,
302.139

62, 34.220,
302.139

56, 46.493,
303.087

68, 22.337,
301.292

49, 59.070,
304.122

75, 10.874,
300.546

43, 71.733,
305.204

81, 0.174, 120.074

38, 84.030,
306.251

87, 10.823,
119.342

33, 95.140,
307.121

94, 21.095,
118.856

29, 103.845,
307.620

98, 27.362,
114.657

27, 109.469,
307.687

99, 27.154,
108.116

26, 109.558,

307.690

Harmonies

Complementary

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



62, 34.220, 302.139



79, 32.121, 118.040

Rectangle

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



62, 34.220, 302.139



62, 34.220, 352.139



62, 34.220, 122.139



62, 34.220, 172.139

Sweetspot

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



62, 34.219, 302.139



93, 12.053, 300.497



73, 16.803, 227.599



49, 8.397, 300.600



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



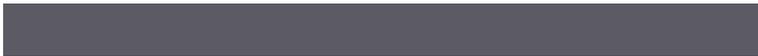
62, 34.219, 302.139



72, 50.654, 302.761



65, 36.959, 318.578



39, 6.210, 300.514



21, 93.644, 307.811



2, 21.732, 298.302

Inverse Universe

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



66, 33.123, 334.360



78, 48.295, 334.859



77, 36.310, 135.812



39, 6.200, 332.916



36, 68.464, 341.206



4, 21.475, 337.650

Previews

White Background



This preview shows how the CIELCh color 62, 34.220, 302.139 looks on a white background.

Color Contrast Check

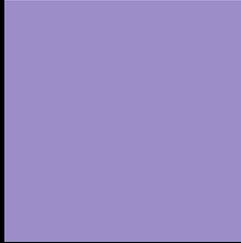
Large Text (above 18pt) WCAG AA × Fail

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 62, 34.220, 302.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

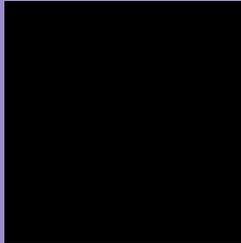
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 34.220, 302.139

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.220, 302.139.



This preview shows how white text looks on a background with the CIELCh color 62, 34.220, 302.139.

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
62, 34.220, 302.139

Protanopia
62, 32.739, 284.802

Deuteranopia
62, 29.274, 286.295



Tritanopia
62, 6.739, 290.924

Trichromacy



Original Color
62, 34.220, 302.139

Protanomaly
62, 32.554, 290.805

Deuteranomaly
62, 30.310, 292.168

Tritanomaly
62, 17.048, 299.261

Monochromacy



Original Color
62, 34.220, 302.139

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 12.580, 301.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.220, 302.139 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, 141, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 141, 201)  
}
```

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, 141, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 141, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.220, 302.139 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, 141, 201) }
```

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

```
.border{ border-color:rgb(156, 141, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 141, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 141, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 141, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 141,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.220, 302.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 141, 201) }
```

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

```
.background{ background-color: rgb(156,  
141, 201) }
```

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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