

Converting Colors

CIELCh(62, 41.985, 301.080)

Have a look what the booklet for
CIELCh(62, 41.985, 301.080)
contains.

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Color

CIELCh(62, 41.948, 301.051)

Conversions

Conversions Part 1

Format	Color
Hex	9B8CD6
RGB	155, 140, 214
RGB Percent	61%, 55%, 84%
CMY	0.3938, 0.4525, 0.1625
CMYK	0.28, 0.35, 0.00, 0.16
HSL	252°, 47%, 69%
HSV	252°, 35%, 84%
XYZ	34.8424, 30.4025, 67.3646
YIQ	152.9210, -14.8140, 26.1940

Conversions

Conversions Part 2

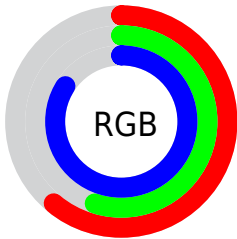
Format	Color
R _{YB}	155, 140, 214
Decimal	10194134
CIE _{Lab}	62.00, 21.64, -35.94
CIE _{LCh}	62, 41.948, 301.051
Y _{xy}	30.4025, 0.2627, 0.2293
Android (android.graphics.Color)	4288384214 (0xFF9B8CD6)
Y _{UV}	152.9210, 30.1119, 1.8233
Hunter-Lab	55.1385, 16.3032, -33.8397

Details

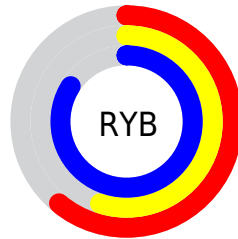
The CIELCh color $62, 41.948, 301.051$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $83, 38.753, 115.734$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 33.021, 302.647$, and $42, 41.889, 301.062$ is the 20% darker color. If you saturate the color by 10%, you get $55, 55.037, 302.174$, and if you desaturate by 10%, it is $69, 29.274, 300.049$.

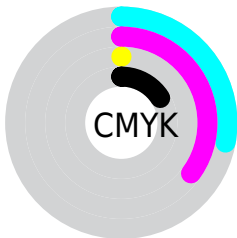
Distribution



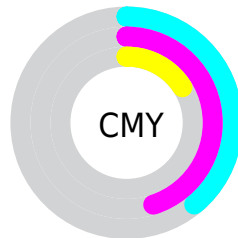
- Red (61%)
- Green (55%)
- Blue (84%)



- Red (61%)
- Yellow (55%)
- Blue (84%)



- Cyan (28%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)





- Cyan (39%)
- Magenta (45%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 41.948, 301.051 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, 41.948, 301.051 by changing the saturation by 10% instead.


 62, 41.948,
301.051


 62, 41.948,
301.051


 100, 41.948,
301.051


 52, 41.948,
301.051


 82, 41.948,
301.051

 42, 41.948,
301.051

 92, 41.948,
301.051

 32, 41.948,
301.051

 22, 41.948,
301.051

 12, 41.948,
301.051

 2, 41.948, 301.051

 0, 41.948, 301.051

62, 41.948,
301.051

62, 41.948,
301.051

55, 55.037,
302.174

69, 29.274,
300.049

49, 68.414,
303.394

76, 17.061,
299.170

43, 81.754,
304.653

82, 5.305, 298.406

37, 94.395,
305.830

89, 6.012, 117.753

96, 16.915,
117.185

32, 105.182,
306.734

99, 20.934,
108.592

29, 112.623,
307.139

28, 115.372,
307.215

Harmonies

Complementary

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



62, 41.948, 301.051



83, 38.753, 115.734

Rectangle

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



62, 41.948, 301.051



62, 41.948, 351.051



62, 41.948, 121.051



62, 41.948, 171.051

Sweetspot

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



62, 41.947, 301.051



92, 13.351, 298.811



77, 20.407, 221.238



48, 9.133, 298.921



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, 41.947, 301.051



67, 59.577, 301.916



65, 44.656, 317.217



41, 6.570, 298.759



21, 97.545, 307.319



2, 27.851, 299.068

Inverse Universe

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



67, 41.614, 332.869



75, 57.811, 333.418



80, 43.519, 134.044



42, 6.818, 331.175



39, 73.230, 338.241



6, 28.391, 335.996

Previews

White Background



This preview shows how the CIELCh color 62, 41.948, 301.051 looks on a white background.

Color Contrast Check

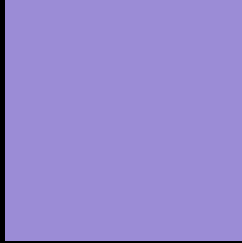
Large Text (above 18pt) WCAG AA × Fail

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, 41.948, 301.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

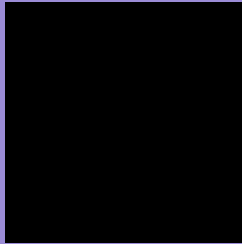
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 41.948, 301.051

Background



This preview shows how black text looks on a background with the CIELCh color 62, 41.948, 301.051.



This preview shows how white text looks on a background with the CIELCh color 62, 41.948, 301.051.

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





Tritanopia
62, 7.047, 272.593

Trichromacy



Original Color
62, 41.948, 301.051

Protanomaly
62, 41.541, 291.208

Deuteranomaly
62, 38.176, 290.496

Tritanomaly
62, 19.714, 294.356

Monochromacy



Original Color
62, 41.948, 301.051

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 15.344, 299.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 41.948, 301.051 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(155, 140, 214)` looks like.

```
.text, #text, p{  
    color:rgb(155, 140, 214)  
}
```

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(155, 140, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 140, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 41.948, 301.051 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(155, 140, 214) }
```

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

```
.border{ border-color:rgb(155, 140, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 140, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 140, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 140, 214);  
box-shadow:4px 4px 4px 4px rgb(155, 140,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 41.948, 301.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 140, 214) }
```

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

```
.background{ background-color: rgb(155,  
140, 214) }
```

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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