

Converting Colors

CIELCh(62, 41.881, 300.932)

Have a look what the booklet for
CIELCh(62, 41.881, 300.932)
contains.

CIELCh(62, 41.917, 300.613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 41.917, 300.613)

Conversions

Conversions Part 1

Format	Color
Hex	9A8CD6
RGB	154, 140, 214
RGB Percent	60%, 55%, 84%
CMY	0.3968, 0.4517, 0.1615
CMYK	0.28, 0.35, 0.00, 0.16
HSL	251°, 47%, 69%
HSV	251°, 35%, 84%
XYZ	34.7575, 30.4025, 67.5280
YIQ	152.6220, -15.4100, 25.9820

Conversions

Conversions Part 2

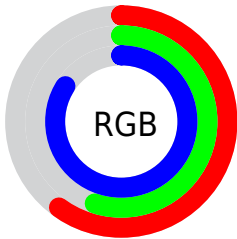
Format	Color
RYB	154, 140, 214
Decimal	10128598
CIELab	62.00, 21.35, -36.07
CIElCh	62, 41.917, 300.613
Yxy	30.4025, 0.2619, 0.2291
Android (android.graphics.Color)	4288318678 (0xFF9A8CD6)
YUV	152.6220, 30.2594, 1.2085
Hunter-Lab	55.1385, 16.0281, -34.0153

Details

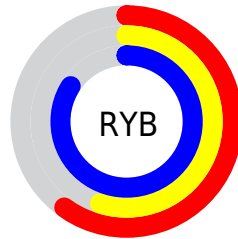
The CIELCh color $62, 41.917, 300.613$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $83, 38.691, 115.162$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 32.968, 302.079$, and $42, 41.871, 300.628$ is the 20% darker color. If you saturate the color by 10%, you get $55, 55.025, 301.773$, and if you desaturate by 10%, it is $69, 29.236, 299.581$.

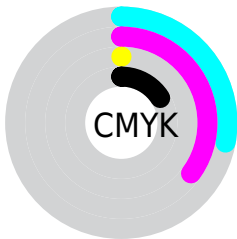
Distribution



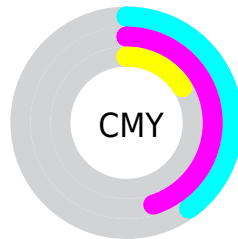
- Red (60%)
- Green (55%)
- Blue (84%)



- Red (60%)
- Yellow (55%)
- Blue (84%)



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





- Cyan (40%)
- Magenta (45%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 41.917, 300.613 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, 41.917, 300.613 by changing the saturation by 10% instead.


 62, 41.917,
300.613


 62, 41.917,
300.613


 100, 41.917,
300.613


 52, 41.917,
300.613


 82, 41.917,
300.613

 42, 41.917,
300.613


 92, 41.917,
300.613

 32, 41.917,
300.613

 22, 41.917,
300.613

 12, 41.917,
300.613

 2, 41.917, 300.613

 0, 41.917, 300.613

■ 62, 41.917,
300.613

■ 62, 41.917,
300.613

■ 55, 55.025,
301.773

■ 69, 29.236,
299.581

■ 49, 68.437,
303.039

■ 76, 17.021,
298.678

■ 42, 81.833,
304.350

■ 82, 5.269, 297.895

■ 37, 94.549,
305.586

■ 89, 6.042, 117.223

■ 96, 16.937,
116.643

■ 32, 105.412,
306.549

■ 99, 20.814,
108.602

■ 29, 112.896,
307.006

■ 28, 115.655,
307.107

Harmonies

Complementary

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



62, 41.917, 300.613



83, 38.691, 115.162

Rectangle

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



62, 41.917, 300.613



62, 41.917, 350.613



62, 41.917, 120.613



62, 41.917, 170.613

Sweetspot

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



62, 41.916, 300.613



92, 13.335, 298.311



77, 20.566, 218.991



48, 9.122, 298.424



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, 41.916, 300.613



67, 59.547, 301.510



65, 44.517, 316.688



41, 6.561, 298.258



21, 97.707, 307.206



2, 27.826, 298.738

Inverse Universe

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



67, 42.002, 332.365



75, 58.340, 332.902



81, 43.304, 133.538



42, 6.883, 330.703



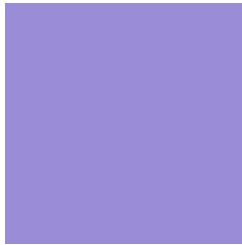
39, 73.963, 337.436



6, 28.674, 335.364

Previews

White Background



This preview shows how the CIELCh color 62, 41.917, 300.613 looks on a white background.

Color Contrast Check

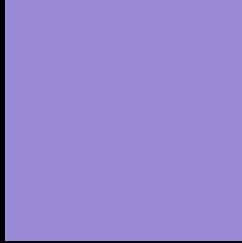
Large Text (above 18pt) WCAG AA × Fail

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, 41.917, 300.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

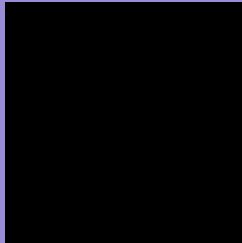
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 41.917, 300.613

Background



This preview shows how black text looks on a background with the CIELCh color 62, 41.917, 300.613.



This preview shows how white text looks on a background with the CIELCh color 62, 41.917, 300.613.

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, 41.917, 300.613

Protanopia

62, 41.144, 285.825

Deuteranopia

62, 36.204, 283.812



Tritanopia
62, 7.047, 272.593

Trichromacy



Original Color
62, 41.917, 300.613

Protanomaly
62, 41.541, 291.208

Deuteranomaly
62, 38.176, 290.496

Tritanomaly
62, 19.714, 294.356

Monochromacy



Original Color
62, 41.917, 300.613

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 14.738, 298.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 41.917, 300.613 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(154, 140, 214)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 140, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 140, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 41.917, 300.613 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(154, 140, 214) }
```

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

```
.border{ border-color:rgb(154, 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(154, 140, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 140, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 140, 214);  
box-shadow:4px 4px 4px 4px rgb(154, 140,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 41.917, 300.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 140, 214) }
```

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

```
.background{ background-color: rgb(154,  
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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