

Converting Colors

CIELCh(62, 37.009, 309.104)

Have a look what the booklet for
CIELCh(62, 37.009, 309.104)
contains.

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Color

CIELCh(62, 36.784, 308.757)

Conversions

Conversions Part 1

Format	Color
Hex	A68AC9
RGB	166, 138, 201
RGB Percent	65%, 54%, 79%
CMY	0.3499, 0.4597, 0.2127
CMYK	0.17, 0.31, 0.00, 0.21
HSL	267°, 37%, 66%
HSV	267°, 31%, 79%
XYZ	35.2502, 30.4025, 59.1247
YIQ	153.5540, -3.5350, 25.5290

Conversions

Conversions Part 2

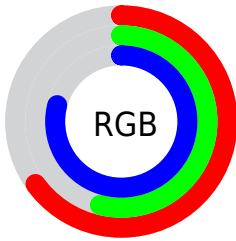
Format	Color
RYB	166, 138, 201
Decimal	10914505
CIELab	62.00, 23.03, -28.68
CIELCh	62, 36.784, 308.757
Yxy	30.4025, 0.2825, 0.2437
Android (android.graphics.Color)	4289104585 (0xFFA68AC9)
YUV	153.5540, 23.3909, 10.9151
Hunter-Lab	55.1385, 17.6233, -24.9794

Details

The CIELCh color $62, 36.784, 308.757$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 35.002, 125.588$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 35.051, 309.460$, and $42, 36.757, 308.568$ is the 20% darker color. If you saturate the color by 10%, you get $56, 49.066, 309.367$, and if you desaturate by 10%, it is $68, 24.716, 308.177$.

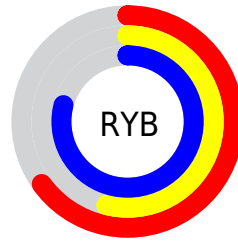
Distribution



Red (65%)

Green (54%)

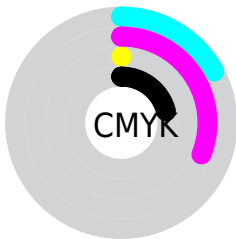
Blue (79%)



Red (65%)

Yellow (54%)

Blue (79%)

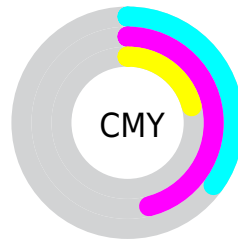


Cyan (17%)

Magenta (31%)

Yellow (0%)

Black (21%)



Cyan (35%)


Magenta (46%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 36.784, 308.757 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, 36.784, 308.757 by changing the saturation by 10% instead.


 62, 36.784,
308.757


 62, 36.784,
308.757


 100, 36.784,
308.757


 52, 36.784,
308.757


 82, 36.784,
308.757

 42, 36.784,
308.757

 92, 36.784,
308.757

 32, 36.784,
308.757

 22, 36.784,
308.757

 12, 36.784,
308.757

 2, 36.784, 308.757

 0, 36.784, 308.757

62, 36.784,
308.757

62, 36.784,
308.757

56, 49.066,
309.367

68, 24.716,
308.177

50, 61.387,
309.979

74, 12.957,
307.640

45, 73.428,
310.546

80, 1.546, 307.101

40, 84.657,
310.990

86, 9.505, 126.746

36, 94.299,
311.201

92, 20.201,
126.361

32, 101.436,
311.049

97, 28.691,
124.844

30, 105.531,
310.645

98, 27.711,
116.750

99, 27.351,
108.101

Harmonies

Complementary

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



62, 36.784, 308.757



77, 35.002, 125.588

Rectangle

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



62, 36.784, 308.757



62, 36.784, 358.757



62, 36.784, 128.757



62, 36.784, 178.757

Sweetspot

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



62, 36.782, 308.757



93, 12.411, 307.525



69, 18.679, 252.524



49, 8.643, 307.600



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, 36.782, 308.757



72, 54.561, 309.192



65, 40.525, 324.200



39, 6.394, 307.538



24, 90.329, 310.811



2, 22.164, 303.974

Inverse Universe

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



65, 30.538, 343.510



76, 44.840, 344.282



76, 40.373, 140.645



39, 5.402, 341.468



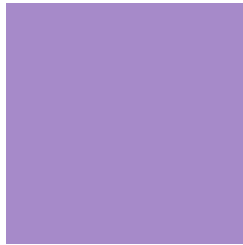
35, 61.604, 356.454



4, 18.457, 349.558

Previews

White Background



This preview shows how the CIELCh color 62, 36.784, 308.757 looks on a white background.

Color Contrast Check

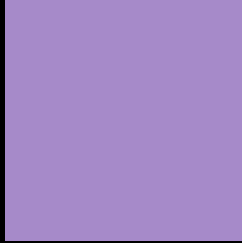
Large Text (above 18pt) WCAG AA × Fail

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, 36.784, 308.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

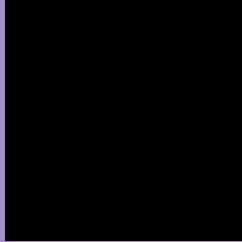
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 36.784, 308.757

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.784, 308.757.



This preview shows how white text looks on a background with the CIELCh color 62, 36.784, 308.757.

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, 36.784, 308.757

Protanopia

62, 34.381, 285.475

Deuteranopia

62, 28.693, 286.710



Tritanopia
62, 8.187, 324.822

Trichromacy



Original Color
62, 36.784, 308.757

Protanomaly
62, 34.843, 293.878

Deuteranomaly
62, 31.541, 295.931

Tritanomaly
62, 18.719, 312.591

Monochromacy



Original Color
62, 36.784, 308.757

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 13.588, 308.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.784, 308.757 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(166, 138, 201)` looks like.

```
.text, #text, p{  
    color:rgb(166, 138, 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(166, 138, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 138, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.784, 308.757 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(166, 138, 201) }
```

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

```
.border{ border-color:rgb(166, 138, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 138, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 138, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 138, 201);  
box-shadow:4px 4px 4px 4px rgb(166, 138,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.784, 308.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 138, 201) }
```

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

```
.background{ background-color: rgb(166,  
138, 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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