

Converting Colors

CIELCh(62, 43.616, 306.486)

Have a look what the booklet for
CIELCh(62, 43.616, 306.486)
contains.

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Color

CIELCh(62, 43.813, 306.557)

Conversions

Conversions Part 1

Format	Color
Hex	A488D4
RGB	164, 136, 212
RGB Percent	64%, 53%, 83%
CMY	0.3555, 0.4654, 0.1672
CMYK	0.23, 0.36, 0.00, 0.17
HSL	262°, 47%, 68%
HSV	262°, 36%, 83%
XYZ	36.1613, 30.4025, 66.4864
YIQ	153.0360, -7.7080, 29.5720

Conversions

Conversions Part 2

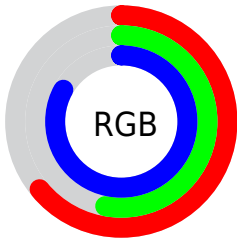
Format	Color
RYB	164, 136, 212
Decimal	10782932
CIELab	62.00, 26.10, -35.19
CIELCh	62, 43.813, 306.557
Yxy	30.4025, 0.2718, 0.2285
Android (android.graphics.Color)	4288973012 (0xFFA488D4)
YUV	153.0360, 29.0693, 9.6154
Hunter-Lab	55.1385, 20.5726, -32.8954

Details

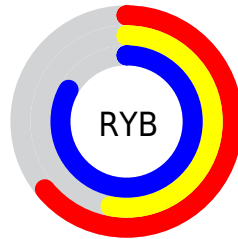
The CIELCh color $62, 43.813, 306.557$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $81, 40.989, 122.466$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 36.117, 309.010$, and $42, 43.703, 306.677$ is the 20% darker color. If you saturate the color by 10%, you get $56, 56.765, 307.303$, and if you desaturate by 10%, it is $68, 31.103, 305.857$.

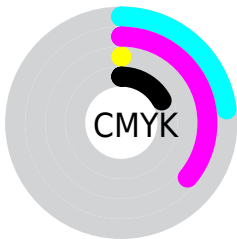
Distribution



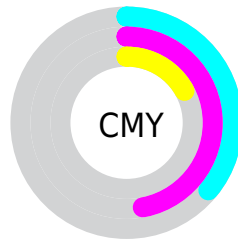
- Red (64%)
- Green (53%)
- Blue (83%)



- Red (64%)
- Yellow (53%)
- Blue (83%)



- Cyan (23%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (36%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 43.813, 306.557 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, 43.813, 306.557 by changing the saturation by 10% instead.

■ 62, 43.813,
306.557

■ 62, 43.813,
306.557

■ 100, 43.813,
306.557

■ 52, 43.813,
306.557

■ 82, 43.813,
306.557

■ 42, 43.813,
306.557

■ 92, 43.813,
306.557

■ 32, 43.813,
306.557

■ 22, 43.813,
306.557

■ 12, 43.813,
306.557

■ 2, 43.813, 306.557

■ 0, 43.813, 306.557

62, 43.813,
306.557

62, 43.813,
306.557

56, 56.765,
307.303

68, 31.103,
305.857

50, 69.750,
308.059

75, 18.742,
305.217

44, 82.362,
308.764

81, 6.771, 304.639

39, 93.916,
309.316

88, 4.802, 124.162

94, 15.983,
123.710

35, 103.414,
309.571

98, 21.914,
118.415

31, 109.782,
309.376

99, 21.544,
108.546

30, 111.826,
309.235

Harmonies

Complementary

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



62, 43.813, 306.557



81, 40.989, 122.466

Rectangle

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



62, 43.813, 306.557



62, 43.813, 356.557



62, 43.813, 126.557



62, 43.813, 176.557

Sweetspot

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



62, 43.811, 306.557



92, 15.021, 304.940



73, 21.140, 244.700



48, 10.115, 305.019



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, 43.811, 306.557



68, 61.659, 307.125



66, 47.564, 322.421



42, 6.709, 304.843



24, 94.924, 309.388



3, 28.299, 303.673

Inverse Universe

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



66, 38.258, 340.100



74, 52.958, 340.858



79, 47.124, 138.622



42, 6.057, 337.847



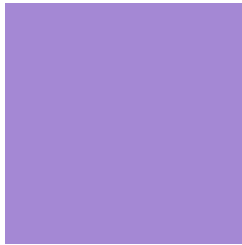
37, 65.790, 350.068



5, 25.276, 345.263

Previews

White Background



This preview shows how the CIELCh color 62, 43.813, 306.557 looks on a white background.

Color Contrast Check

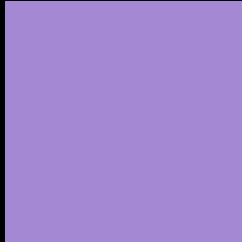
Large Text (above 18pt) WCAG AA × Fail

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, 43.813, 306.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

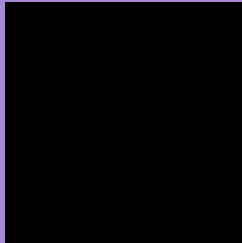
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 43.813, 306.557

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.813, 306.557.

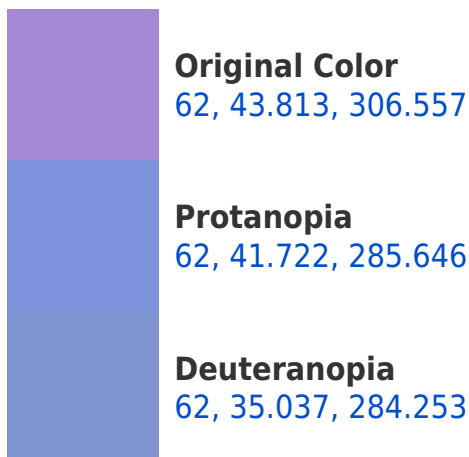



This preview shows how white text looks on a background with the CIELCh color 62, 43.813, 306.557.

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, 7.429, 314.955

Trichromacy



Original Color
62, 43.813, 306.557

Protanomaly
62, 42.109, 292.952

Deuteranomaly
62, 37.620, 293.198

Tritanomaly
62, 20.509, 307.528

Monochromacy



Original Color
62, 43.813, 306.557

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 16.187, 304.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.813, 306.557 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(164, 136, 212)` looks like.

```
.text, #text, p{  
    color:rgb(164, 136, 212)  
}
```

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(164, 136, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 136, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.813, 306.557 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(164, 136, 212) }
```

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

```
.border{ border-color:rgb(164, 136, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 136, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 136, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 136, 212);  
box-shadow:4px 4px 4px 4px rgb(164, 136,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.813, 306.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 136, 212) }
```

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

```
.background{ background-color: rgb(164,  
136, 212) }
```

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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