

Converting Colors

CIELCh(62, 43.336, 298.786)

Have a look what the booklet for
CIELCh(62, 43.336, 298.786)
contains.

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Color

CIELCh(62, 43.467, 298.823)

Conversions

Conversions Part 1

Format	Color
Hex	968CD9
RGB	150, 140, 217
RGB Percent	59%, 55%, 85%
CMY	0.4104, 0.4496, 0.1476
CMYK	0.31, 0.35, 0.00, 0.15
HSL	248°, 51%, 70%
HSV	248°, 35%, 85%
XYZ	34.6439, 30.4025, 69.9401
YIQ	151.7680, -18.7570, 26.0670

Conversions

Conversions Part 2

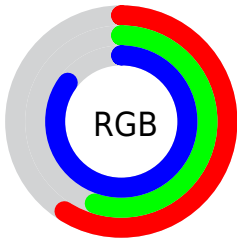
Format	Color
RYB	150, 140, 217
Decimal	9866457
CIELab	62.00, 20.96, -38.08
CIELCh	62, 43.467, 298.823
Yxy	30.4025, 0.2566, 0.2252
Android (android.graphics.Color)	4288056537 (0xFF968CD9)
YUV	151.7680, 32.1594, -1.5505
Hunter-Lab	55.1385, 15.6603, -36.6091

Details

The CIELCh color $62, 43.467, 298.823$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $85, 39.885, 112.543$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 32.785, 299.803$, and $42, 43.577, 298.955$ is the 20% darker color. If you saturate the color by 10%, you get $55, 56.827, 300.175$, and if you desaturate by 10%, it is $69, 30.578, 297.632$.

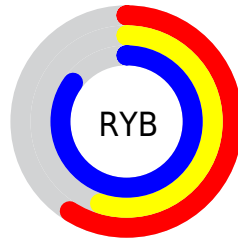
Distribution



Red (59%)

Green (55%)

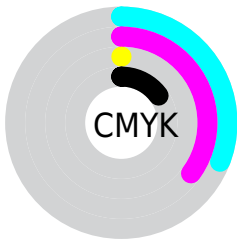
Blue (85%)



Red (59%)

Yellow (55%)

Blue (85%)

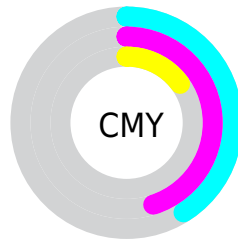


Cyan (31%)

Magenta (35%)

Yellow (0%)

Black (15%)



Cyan (41%)


Magenta (45%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 43.467, 298.823 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, 43.467, 298.823 by changing the saturation by 10% instead.


 62, 43.467,
298.823


 62, 43.467,
298.823


 100, 43.467,
298.823


 52, 43.467,
298.823


 82, 43.467,
298.823

 42, 43.467,
298.823

 92, 43.467,
298.823

 32, 43.467,
298.823

 22, 43.467,
298.823

 12, 43.467,
298.823

 2, 43.467, 298.823

 0, 43.467, 298.823

■ 62, 43.467,
298.823

■ 62, 43.467,
298.823

■ 55, 56.827,
300.175

■ 69, 30.578,
297.632

■ 48, 70.541,
301.667

■ 76, 18.190,
296.600

■ 42, 84.278,
303.231

■ 83, 6.287, 295.713

■ 36, 97.302,
304.724

■ 90, 5.157, 114.946

■ 32, 108.285,
305.916

■ 97, 16.173,
114.296

■ 28, 115.528,
306.542

■ 99, 19.024,
108.738

■ 28, 117.800,
306.718

Harmonies

Complementary

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



62, 43.467, 298.823



85, 39.885, 112.543

Rectangle

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



62, 43.467, 298.823



62, 43.467, 348.823



62, 43.467, 118.823



62, 43.467, 168.823

Sweetspot

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



62, 43.466, 298.823



91, 14.630, 296.198



80, 22.201, 210.491



48, 9.856, 296.322



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, 43.466, 298.823



66, 60.980, 299.886



65, 45.681, 314.599



42, 6.660, 296.051



21, 99.409, 306.791



2, 29.785, 298.106

Inverse Universe

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



68, 45.362, 330.333



75, 62.074, 330.822



82, 44.055, 131.387



43, 7.316, 328.733



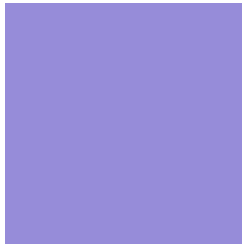
40, 78.203, 334.161



7, 31.542, 332.949

Previews

White Background



This preview shows how the CIELCh color 62, 43.467, 298.823 looks on a white background.

Color Contrast Check

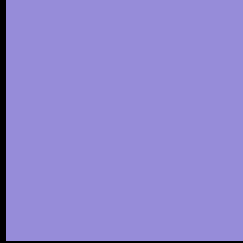
Large Text (above 18pt) WCAG AA × Fail

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, 43.467, 298.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

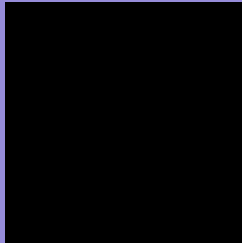
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 43.467, 298.823

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.467, 298.823.

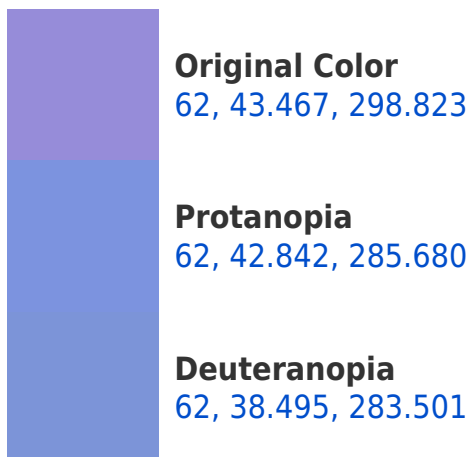


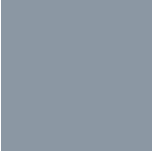
This preview shows how white text looks on a background with the CIELCh color 62, 43.467, 298.823.

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, 7.944, 257.421

Trichromacy



Original Color
62, 43.467, 298.823

Protanomaly
62, 42.638, 290.223

Deuteranomaly
62, 39.882, 289.574

Tritanomaly
62, 20.251, 288.458

Monochromacy



Original Color
62, 43.467, 298.823

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 15.776, 295.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.467, 298.823 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(150, 140, 217)` looks like.

```
.text, #text, p{  
    color:rgb(150, 140, 217)  
}
```

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(150, 140, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 140, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.467, 298.823 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(150, 140, 217) }
```

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

```
.border{ border-color:rgb(150, 140, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 140, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 140, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 140, 217); box-shadow:4px 4px 4px 4px rgb(150, 140, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.467, 298.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 140, 217) }
```

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

```
.background{ background-color: rgb(150,  
140, 217) }
```

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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