

Converting Colors

CIELCh(62, 46.475, 325.965)

Have a look what the booklet for
CIELCh(62, 46.475, 325.965)
contains.

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Color

CIELCh(62, 46.357, 325.968)

Conversions

Conversions Part 1

Format	Color
Hex	C37DC4
RGB	195, 125, 196
RGB Percent	76%, 49%, 77%
CMY	0.2339, 0.5085, 0.2300
CMYK	0.01, 0.36, 0.00, 0.23
HSL	299°, 38%, 63%
HSV	299°, 36%, 77%
XYZ	39.9775, 30.4025, 56.1953
YIQ	154.0240, 18.9290, 36.9210

Conversions

Conversions Part 2

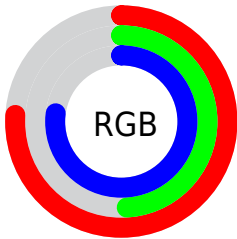
Format	Color
RYB	195, 125, 196
Decimal	12811716
CIELab	62.00, 38.42, -25.94
CIELCh	62, 46.357, 325.968
Yxy	30.4025, 0.3158, 0.2402
Android (android.graphics.Color)	4291001796 (0xFFC37DC4)
YUV	154.0240, 20.6942, 35.9360
Hunter-Lab	55.1385, 32.9269, -21.8295

Details

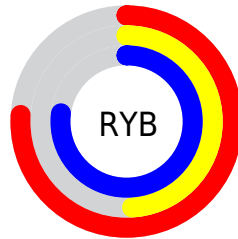
The CIELCh color $62, 46.357, 325.968$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 46.364, 141.483$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 46.413, 326.040$, and $42, 46.320, 326.003$ is the 20% darker color. If you saturate the color by 10%, you get $58, 58.400, 326.441$, and if you desaturate by 10%, it is $66, 33.708, 325.458$.

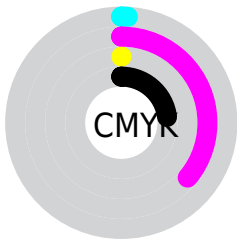
Distribution



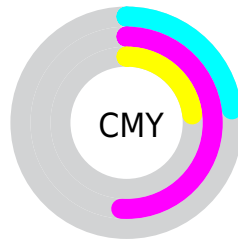
- Red (76%)
- Green (49%)
- Blue (77%)



- Red (76%)
- Yellow (49%)
- Blue (77%)



- Cyan (1%)
- Magenta (36%)
- Yellow (0%)
- Black (23%)




- Cyan (23%)
- Magenta (51%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 46.357, 325.968 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, 46.357, 325.968 by changing the saturation by 10% instead.


 62, 46.357,
325.968

 62, 46.357,
325.968


 100, 46.357,
325.968

 52, 46.357,
325.968


 82, 46.357,
325.968

 42, 46.357,
325.968

 92, 46.357,
325.968

 32, 46.357,
325.968

 22, 46.357,
325.968

 12, 46.357,
325.968

 2, 46.357, 325.968

 0, 46.357, 325.968

62, 46.357,
325.968

62, 46.357,
325.968

58, 58.400,
326.441

66, 33.708,
325.458

54, 69.408,
326.858

71, 20.804,
324.924

51, 78.882,
327.201

76, 7.896, 324.369

49, 86.349,
327.455

81, 4.848, 143.921

47, 91.480,
327.610

86, 17.317,
143.366


46, 94.247,
327.669

92, 29.451,
142.862

46, 94.985,
327.678

95, 36.577,
142.526

95, 36.522,
142.411

 95, 36.466,
142.295

Harmonies

Complementary

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



62, 46.357, 325.968



73, 46.364, 141.483

Rectangle

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



62, 46.357, 325.968



62, 46.357, 15.968



62, 46.357, 145.968



62, 46.357, 195.968

Sweetspot

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



62, 46.355, 325.968



93, 17.461, 324.651



56, 40.056, 294.228



49, 11.741, 324.727



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, 46.355, 325.968



75, 67.530, 326.327



61, 33.752, 346.176



39, 7.350, 324.552



38, 82.808, 327.685



4, 26.585, 326.471

Inverse Universe

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



60, 29.808, 21.659



72, 44.885, 22.868



74, 32.439, 159.329



39, 4.278, 18.790



34, 74.079, 39.213



3, 15.889, 18.679

Previews

White Background



This preview shows how the CIELCh color 62, 46.357, 325.968 looks on a white background.

Color Contrast Check

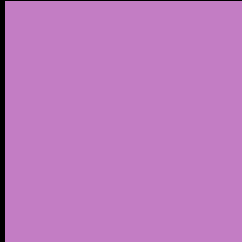
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 46.357, 325.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

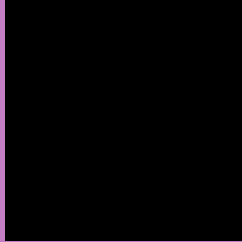
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 46.357, 325.968

Background



This preview shows how black text looks on a background with the CIELCh color 62, 46.357, 325.968.

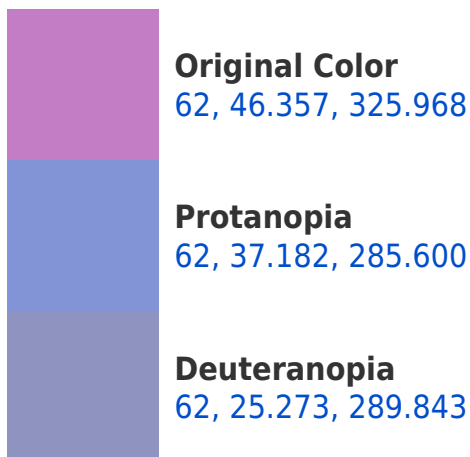


This preview shows how white text looks on a background with the CIELCh color 62, 46.357, 325.968.

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, 21.905, 7.138

Trichromacy



Original Color
62, 46.357, 325.968

Protanomaly
62, 38.620, 300.951

Deuteranomaly
62, 32.078, 307.693

Tritanomaly
62, 28.634, 344.160

Monochromacy



Original Color
62, 46.357, 325.968

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 16.908, 325.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 46.357, 325.968 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(195, 125, 196)` looks like.

```
.text, #text, p{  
    color:rgb(195, 125, 196)  
}
```

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(195, 125, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 125, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 46.357, 325.968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

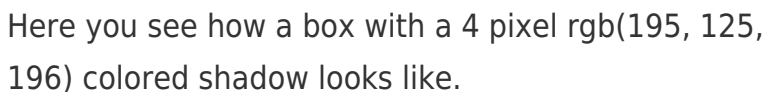
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 125, 196) }
```

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

```
.border{ border-color:rgb(195, 125, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 125, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 125, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 125, 196); box-shadow:4px 4px 4px 4px rgb(195, 125, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 46.357, 325.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 125, 196) }
```

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

```
.background{ background-color: rgb(195,  
125, 196) }
```

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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