

Converting Colors

CIELCh(42, 58.177, 328.912)

Have a look what the booklet for
CIELCh(42, 58.177, 328.912)
contains.

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Color

CIELCh(42, 58.077, 329.082)

Conversions

Conversions Part 1

Format	Color
Hex	9A3E95
RGB	154, 62, 149
RGB Percent	60%, 24%, 58%
CMY	0.3958, 0.7566, 0.4154
CMYK	0.00, 0.60, 0.03, 0.40
HSL	303°, 43%, 42%
HSV	303°, 60%, 60%
XYZ	20.4941, 12.5000, 29.7921
YIQ	99.4260, 26.9050, 46.5610

Conversions

Conversions Part 2

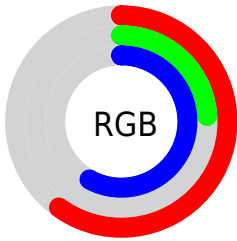
Format	Color
RYB	154, 62, 149
Decimal	10108565
CIELab	42.00, 49.82, -29.84
CIELCh	42, 58.077, 329.082
Yxy	12.5000, 0.3264, 0.1991
Android (android.graphics.Color)	4288298645 (0xFF9A3E95)
YUV	99.4260, 24.4400, 47.8614
Hunter-Lab	35.3553, 41.5978, -25.2119

Details

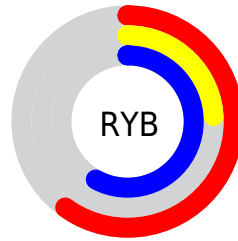
The CIELCh color $42, 58.077, 329.082$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $57, 58.796, 140.755$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 57.931, 329.369$, and $22, 57.304, 328.996$ is the 20% darker color. If you saturate the color by 10%, you get $40, 65.167, 329.508$, and if you desaturate by 10%, it is $45, 49.655, 328.609$.

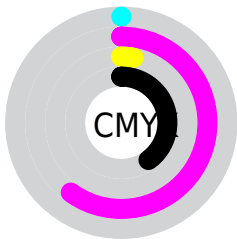
Distribution



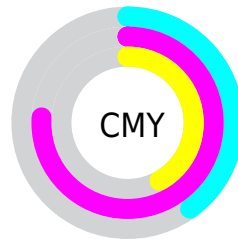
- Red (60%)
- Green (24%)
- Blue (58%)



- Red (60%)
- Yellow (24%)
- Blue (58%)



- Cyan (0%)
- Magenta (60%)
- Yellow (3%)
- Black (40%)





- Cyan (40%)
- Magenta (76%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 58.077, 329.082 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 42, 58.077, 329.082 by changing the saturation by 10% instead.


 42, 58.077,
329.082

 42, 58.077,
329.082


 100, 58.077,
329.082

 32, 58.077,
329.082

 62, 58.077,
329.082


 22, 58.077,
329.082

 72, 58.077,
329.082

 12, 58.077,
329.082

 82, 58.077,
329.082

 2, 58.077, 329.082

 92, 58.077,
329.082

 0, 58.077, 329.082

 42, 58.077,

 42, 58.077,

329.082

329.082

■ 40, 65.167,
329.508

■ 45, 49.655,
328.609

■ 38, 70.570,
329.880

■ 48, 40.301,
328.097

■ 37, 74.059,
330.198

■ 52, 30.374,
327.559

■ 36, 76.010,
330.478

■ 56, 20.167,
327.006

■ 36, 76.063,
330.486

■ 60, 9.898, 326.442

■ 64, 0.281, 146.712

■ 68, 10.273,
145.406

■ 72, 20.017,
144.880

■ 77, 29.484,
144.383

Harmonies

Complementary

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



42, 58.077, 329.082



57, 58.796, 140.755

Rectangle

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



42, 58.077, 329.082



42, 58.077, 19.082



42, 58.077, 149.082



42, 58.077, 199.082

Sweetspot

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



42, 58.075, 329.082



72, 22.903, 326.931



32, 57.760, 300.304



37, 16.050, 327.084



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42, 58.075, 329.082



51, 82.206, 329.653



40, 43.052, 353.709



30, 5.724, 326.414



32, 71.044, 330.467



1, 6.125, 326.119

Inverse Universe

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



42, 58.075, 329.082



51, 82.206, 329.653



57, 39.834, 159.814



30, 5.724, 326.414



32, 71.044, 330.467



1, 6.125, 326.119

Previews

White Background



This preview shows how the CIELCh color 42, 58.077, 329.082 looks on a white background.

Color Contrast Check

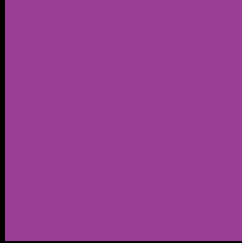
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 42, 58.077, 329.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

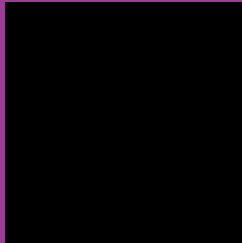
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 58.077, 329.082

Background



This preview shows how black text looks on a background with the CIELCh color 42, 58.077, 329.082.

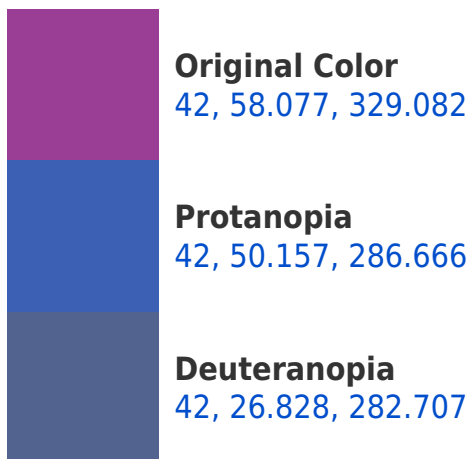


This preview shows how white text looks on a background with the CIELCh color 42, 58.077, 329.082.

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
42, 30.074, 18.535

Trichromacy



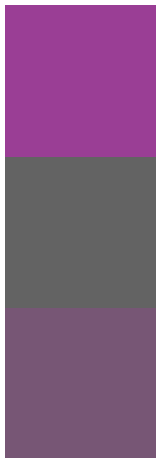
Original Color
42, 58.077, 329.082

Protanomaly
41, 51.628, 300.423

Deuteranomaly
41, 36.747, 307.514

Tritanomaly
42, 36.843, 351.910

Monochromacy



Original Color
42, 58.077, 329.082

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 22.864, 327.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 58.077, 329.082 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, 62, 149)` looks like.

```
.text, #text, p{  
    color:rgb(154, 62, 149)  
}
```

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, 62, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 62, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 58.077, 329.082 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, 62, 149) }
```

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

```
.border{ border-color:rgb(154, 62, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 62, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 62, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 62, 149);  
box-shadow:4px 4px 4px 4px rgb(154, 62,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 58.077, 329.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 62, 149) }
```

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

```
.background{ background-color: rgb(154, 62,  
149) }
```

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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