

Converting Colors

CIELCh(42, 48.522, 332.040)

Have a look what the booklet for
CIELCh(42, 48.522, 332.040)
contains.

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Color

CIELCh(42, 48.511, 332.092)

Conversions

Conversions Part 1

Format	Color
Hex	954589
RGB	149, 69, 137
RGB Percent	58%, 27%, 54%
CMY	0.4149, 0.7287, 0.4620
CMYK	0.00, 0.54, 0.08, 0.41
HSL	309°, 37%, 43%
HSV	309°, 54%, 59%
XYZ	19.1007, 12.5000, 25.1458
YIQ	100.6720, 25.8520, 38.1080

Conversions

Conversions Part 2

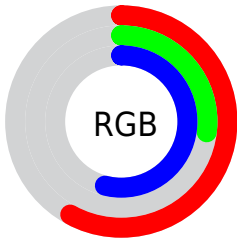
Format	Color
R_{YB}	149, 69, 137
Decimal	9782665
CIE _{Lab}	42.00, 42.87, -22.71
CIE _{LCh}	42, 48.511, 332.092
Yxy	12.5000, 0.3366, 0.2203
Android (android.graphics.Color)	4287972745 (0xFF954589)
YUV	100.6720, 17.9097, 42.3837
Hunter-Lab	35.3553, 34.5627, -17.4200

Details

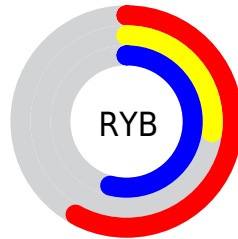
The CIELCh color $42, 48.511, 332.092$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 48.832, 144.198$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 48.510, 331.962$, and $22, 48.519, 332.124$ is the 20% darker color. If you saturate the color by 10%, you get $39, 55.785, 332.717$, and if you desaturate by 10%, it is $45, 40.229, 331.470$.

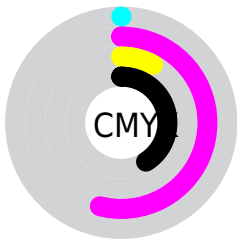
Distribution



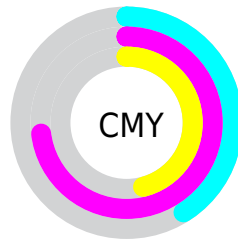
- Red (58%)
- Green (27%)
- Blue (54%)



- Red (58%)
- Yellow (27%)
- Blue (54%)



- Cyan (0%)
- Magenta (54%)
- Yellow (8%)
- Black (41%)





- Cyan (41%)
- Magenta (73%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 48.511, 332.092 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, 48.511, 332.092 by changing the saturation by 10% instead.


 42, 48.511,
332.092


 42, 48.511,
332.092


 100, 48.511,
332.092


 32, 48.511,
332.092

 62, 48.511,
332.092


 22, 48.511,
332.092


 72, 48.511,
332.092

 12, 48.511,
332.092

 82, 48.511,
332.092

 2, 48.511, 332.092

 92, 48.511,
332.092

 0, 48.511, 332.092

 42, 48.511,

 42, 48.511,

332.092

■ 39, 55.785,
332.717

■ 37, 61.672,
333.348

■ 35, 65.837,
333.997

■ 34, 68.118,
334.684

■ 34, 69.040,
335.134

332.092

■ 45, 40.229,
331.470

■ 49, 31.309,
330.849

■ 52, 22.051,
330.233

■ 56, 12.680,
329.624

■ 60, 3.355, 328.985

■ 64, 5.822, 148.530

■ 69, 14.787,
147.960

■ 73, 23.508,
147.433

■ 77, 31.969,
146.934

Harmonies

Complementary

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



42, 48.511, 332.092



56, 48.832, 144.198

Rectangle

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



42, 48.511, 332.092



42, 48.511, 22.092



42, 48.511, 152.092



42, 48.511, 202.092

Sweetspot

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



42, 48.509, 332.092



70, 18.451, 329.788



34, 49.961, 301.690



36, 12.429, 329.899



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



42, 48.509, 332.092



51, 68.995, 332.821



41, 36.725, 359.504



29, 5.206, 329.353



31, 65.171, 335.076



1, 4.526, 328.843

Inverse Universe

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



42, 48.509, 332.092



51, 68.995, 332.821



56, 32.405, 166.803



29, 5.206, 329.353



31, 65.171, 335.076



1, 4.526, 328.843

Previews

White Background



This preview shows how the CIELCh color 42, 48.511, 332.092 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 CIE LCh color 42, 48.511, 332.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

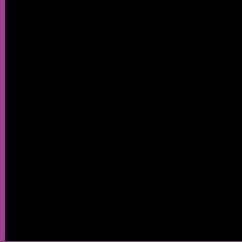
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 48.511, 332.092

Background



This preview shows how black text looks on a background with the CIELCh color 42, 48.511, 332.092.

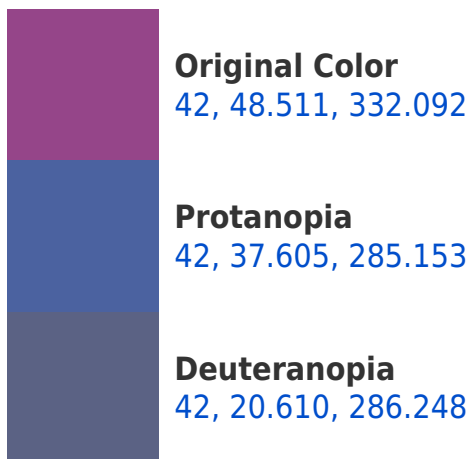


This preview shows how white text looks on a background with the CIELCh color 42, 48.511, 332.092.

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, 28.182, 16.628

Trichromacy



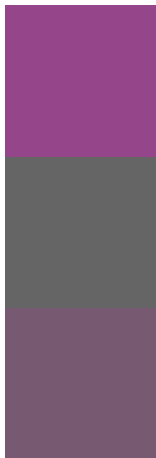
Original Color
42, 48.511, 332.092

Protanomaly
41, 39.144, 302.260

Deuteranomaly
41, 29.326, 311.409

Tritanomaly
42, 32.594, 354.454

Monochromacy



Original Color
42, 48.511, 332.092

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 19.328, 330.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 48.511, 332.092 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(149, 69, 137)` looks like.

```
.text, #text, p{  
    color:rgb(149, 69, 137)  
}
```

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(149, 69, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 69, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 48.511, 332.092 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(149, 69, 137) }
```

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

```
.border{ border-color:rgb(149, 69, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 69, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 69, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 69, 137);  
box-shadow:4px 4px 4px 4px rgb(149, 69,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 48.511, 332.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 69, 137) }
```

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

```
.background{ background-color: rgb(149, 69,  
137) }
```

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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