

Converting Colors

CIELCh(42, 36.360, 325.900)

Have a look what the booklet for
CIELCh(42, 36.360, 325.900)
contains.

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Color

CIELCh(42, 36.360, 325.900)

Conversions

Conversions Part 1

Format	Color
Hex	845185
RGB	132, 81, 133
RGB Percent	52%, 32%, 52%
CMY	0.4821, 0.6821, 0.4782
CMYK	0.01, 0.39, 0.00, 0.48
HSL	299°, 24%, 42%
HSV	299°, 39%, 52%
XYZ	16.7111, 12.5000, 23.7457
YIQ	102.1770, 13.7040, 26.9840

Conversions

Conversions Part 2

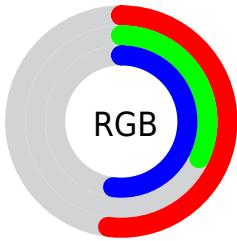
Format	Color
R_{YB}	132, 81, 133
Decimal	8671621
CIE _{Lab}	42.00, 30.11, -20.38
CIE _{LCh}	42, 36.360, 325.900
Yxy	12.5000, 0.3156, 0.2360
Android (android.graphics.Color)	4286861701 (0xFF845185)
YUV	102.1770, 15.1957, 26.1548
Hunter-Lab	35.3553, 22.4984, -15.0722

Details

The CIELCh color $42, 36.360, 325.900$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 36.363, 141.207$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 35.895, 325.999$, and $22, 36.054, 325.958$ is the 20% darker color. If you saturate the color by 10%, you get $39, 45.032, 326.347$, and if you desaturate by 10%, it is $45, 27.218, 325.414$.

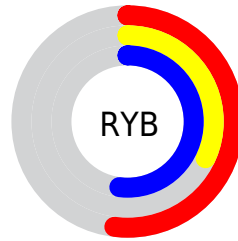
Distribution



Red (52%)

Green (32%)

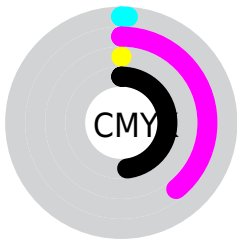
Blue (52%)



Red (52%)

Yellow (32%)

Blue (52%)

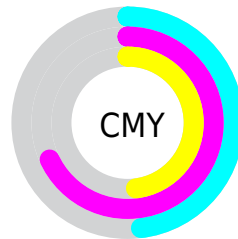


Cyan (1%)

Magenta (39%)

Yellow (0%)

Black (48%)



Cyan (48%)


Magenta (68%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 36.360, 325.900 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, 36.360, 325.900 by changing the saturation by 10% instead.


 42, 36.360,
325.900


 42, 36.360,
325.900


 100, 36.360,
325.900


 32, 36.360,
325.900

 62, 36.360,
325.900


 22, 36.360,
325.900

 72, 36.360,
325.900

 12, 36.360,
325.900

 82, 36.360,
325.900

 2, 36.360, 325.900

 92, 36.360,
325.900

 0, 36.360, 325.900

 42, 36.360,

 42, 36.360,

325.900

325.900

39, 45.032,
326.347

45, 27.218,
325.414

36, 52.932,
326.739

49, 17.858,
324.904

34, 59.718,
327.058

52, 8.461, 324.377

33, 65.067,
327.291

56, 0.844, 144.109

60, 9.973, 143.402

31, 68.759,
327.427

63, 18.878,
142.907

31, 71.139,
327.490

67, 27.530,
142.439

31, 71.354,
327.495

71, 35.919,
141.996

75, 44.045,

Harmonies

Complementary

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



42, 36.360, 325.900



51, 36.363, 141.207

Rectangle

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



42, 36.360, 325.900



42, 36.360, 15.900



42, 36.360, 145.900



42, 36.360, 195.900

Sweetspot

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



42, 36.358, 325.900



65, 13.907, 324.548



37, 31.045, 293.886



33, 9.190, 324.603



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



42, 36.358, 325.900



51, 53.634, 326.304



41, 26.799, 345.433



26, 5.240, 324.379



30, 70.181, 327.497



0, 1.248, 323.929

Inverse Universe

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



40, 23.555, 21.526



49, 36.119, 23.027



51, 25.814, 158.296



26, 3.049, 18.323



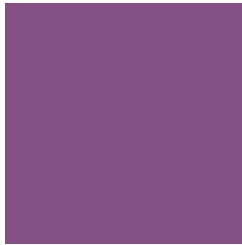
26, 61.535, 37.752



0, 0.708, 17.807

Previews

White Background



This preview shows how the CIE LCh color 42, 36.360, 325.900 looks on a white background.

Color Contrast Check

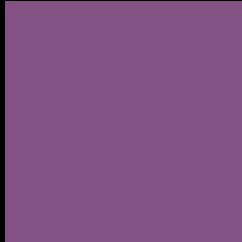
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.360, 325.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

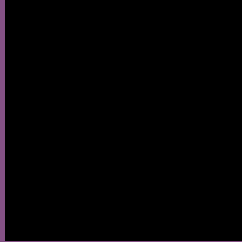
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 36.360, 325.900

Background



This preview shows how black text looks on a background with the CIELCh color 42, 36.360, 325.900.



This preview shows how white text looks on a background with the CIELCh color 42, 36.360, 325.900.

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



Original Color

42, 36.360, 325.900

Protanopia

42, 29.162, 284.767

Deuteranopia

42, 19.361, 287.651



Tritanopia
42, 16.912, 7.602

Trichromacy



Original Color
42, 36.360, 325.900

Protanomaly
42, 29.923, 300.336

Deuteranomaly
42, 24.358, 306.594

Tritanomaly
42, 22.326, 344.714

Monochromacy



Original Color
42, 36.360, 325.900

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 13.831, 325.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 36.360, 325.900 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(132, 81, 133)` looks like.

```
.text, #text, p{  
    color:rgb(132, 81, 133)  
}
```

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(132, 81, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 81, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 36.360, 325.900 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(132, 81, 133) }
```

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

```
.border{ border-color:rgb(132, 81, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 81, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 81, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 81, 133);  
box-shadow:4px 4px 4px 4px rgb(132, 81,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 36.360, 325.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 81, 133) }
```

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

```
.background{ background-color: rgb(132, 81,  
133) }
```

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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