

Converting Colors

CIELCh(42, 40.154, 341.529)

Have a look what the booklet for
CIELCh(42, 40.154, 341.529)
contains.

| | |
|--|----|
| CIELCh(42, 40.177, 341.523) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(42, 40.177, 341.523)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 954979 |
| RGB | 149, 73, 121 |
| RGB Percent | 58%, 29%, 47% |
| CMY | 0.4163, 0.7142, 0.5260 |
| CMYK | 0.00, 0.51, 0.19, 0.42 |
| HSL | 322°, 34%, 43% |
| HSV | 322°, 51%, 58% |
| XYZ | 18.1838, 12.5000, 19.4995 |
| YIQ | 101.1960, 29.8880, 31.0400 |

Conversions

Conversions Part 2

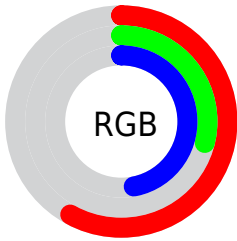
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 149, 73, 121 |
| Decimal | 9783673 |
| CIE _{Lab} | 42.00, 38.11, -12.73 |
| CIE _{LCh} | 42, 40.177, 341.523 |
| Yxy | 12.5000, 0.3623, 0.2491 |
| Android (android.graphics.Color) | 4287973753 (0xFF954979) |
| YUV | 101.1960, 9.7634, 41.9241 |
| Hunter-Lab | 35.3553, 29.9335, -7.9515 |

Details

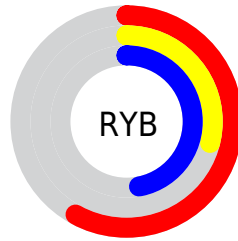
The CIELCh color $42, 40.177, 341.523$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $56, 39.414, 152.304$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 40.244, 341.784$, and $22, 40.138, 341.869$ is the 20% darker color. If you saturate the color by 10%, you get $39, 46.835, 342.689$, and if you desaturate by 10%, it is $45, 32.747, 340.498$.

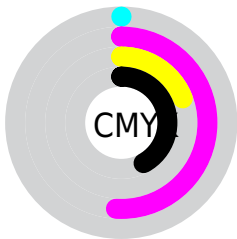
Distribution



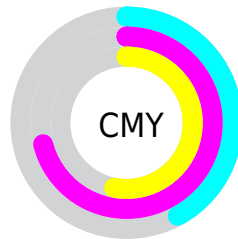
- Red (58%)
- Green (29%)
- Blue (47%)



- Red (58%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (51%)
- Yellow (19%)
- Black (42%)





- Cyan (42%)
- Magenta (71%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 40.177, 341.523 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, 40.177, 341.523 by changing the saturation by 10% instead.


 42, 40.177,
341.523

 42, 40.177,
341.523


 100, 40.177,
341.523


 32, 40.177,
341.523

 62, 40.177,
341.523


 22, 40.177,
341.523

 72, 40.177,
341.523

 12, 40.177,
341.523

 82, 40.177,
341.523

 2, 40.177, 341.523

 92, 40.177,
341.523

 0, 40.177, 341.523

 42, 40.177,

 42, 40.177,

341.523

39, 46.835,
342.689

36, 52.348,
344.048

34, 56.350,
345.676

33, 58.606,
347.669

32, 59.581,
349.721

341.523

45, 32.747,
340.498

49, 24.882,
339.577

53, 16.832,
338.734

57, 8.775, 337.946

61, 0.828, 336.912

65, 6.940, 156.636

70, 14.491,
155.989

74, 21.811,
155.397

78, 28.896,

Harmonies

Complementary

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



42, 40.177, 341.523



56, 39.414, 152.304

Rectangle

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



42, 40.177, 341.523



42, 40.177, 31.523



42, 40.177, 161.523



42, 40.177, 211.523

Sweetspot

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



42, 40.175, 341.524



71, 14.825, 338.276



37, 47.550, 307.546



36, 10.098, 338.426



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, 40.175, 341.524



50, 57.802, 342.840



41, 34.123, 15.228



29, 4.457, 337.802



30, 56.369, 349.516



1, 3.866, 337.185

Inverse Universe

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



42, 40.175, 341.524



50, 57.802, 342.840



57, 26.177, 184.110



29, 4.457, 337.802



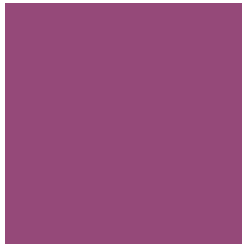
30, 56.369, 349.516



1, 3.866, 337.185

Previews

White Background



This preview shows how the CIELCh color 42, 40.177, 341.523 looks on a white background.

Color Contrast Check

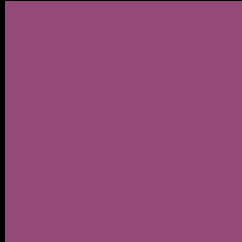
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.177, 341.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

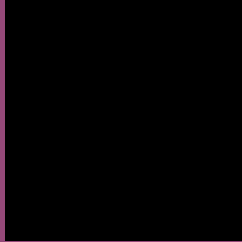
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 40.177, 341.523

Background



This preview shows how black text looks on a background with the CIELCh color 42, 40.177, 341.523.



This preview shows how white text looks on a background with the CIELCh color 42, 40.177, 341.523.

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, 40.177, 341.523

Protanopia

42, 24.896, 285.146

Deuteranopia

42, 12.229, 299.214



Tritanopia
42, 29.123, 17.053

Trichromacy



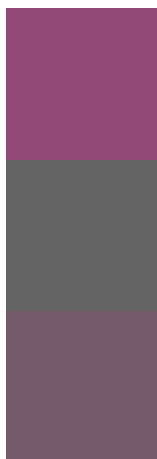
Original Color
42, 40.177, 341.523

Protanomaly
41, 27.210, 309.451

Deuteranomaly
41, 21.693, 325.756

Tritanomaly
42, 31.591, 0.517

Monochromacy



Original Color
42, 40.177, 341.523

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 15.117, 338.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 40.177, 341.523 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, 73, 121)` looks like.

```
.text, #text, p{  
    color:rgb(149, 73, 121)  
}
```

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, 73, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 73, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 40.177, 341.523 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, 73, 121) }
```

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

```
.border{ border-color:rgb(149, 73, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 73, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 73, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 73, 121);  
box-shadow:4px 4px 4px 4px rgb(149, 73,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 40.177, 341.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 73, 121) }
```

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

```
.background{ background-color: rgb(149, 73,  
121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor