

Converting Colors

CIELCh(41, 46.735, 346.731)

Have a look what the booklet for
CIELCh(41, 46.735, 346.731)
contains.

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Color

CIELCh(41, 46.532, 346.904)

Conversions

Conversions Part 1

Format	Color
Hex	9D3E73
RGB	157, 62, 115
RGB Percent	62%, 24%, 45%
CMY	0.3841, 0.7566, 0.5488
CMYK	0.00, 0.60, 0.27, 0.38
HSL	327°, 43%, 43%
HSV	327°, 60%, 62%
XYZ	18.7395, 11.8645, 17.5383
YIQ	96.4470, 39.6070, 36.6230

Conversions

Conversions Part 2

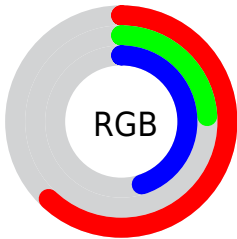
Format	Color
R_{YB}	157, 62, 115
Decimal	10305139
CIE _{Lab}	41.00, 45.32, -10.54
CIE _{LCh}	41, 46.532, 346.904
Yxy	11.8645, 0.3893, 0.2464
Android (android.graphics.Color)	4288495219 (0xFF9D3E73)
YUV	96.4470, 9.1466, 53.1050
Hunter-Lab	34.4449, 36.8331, -6.0772

Details

The CIELCh color **41, 46.532, 346.904** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **58, 45.018, 154.181**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 46.771, 346.757**, and **21, 46.395, 346.735** is the 20% darker color. If you saturate the color by 10%, you get **38, 52.199, 348.587**, and if you desaturate by 10%, it is **44, 39.744, 345.501**.

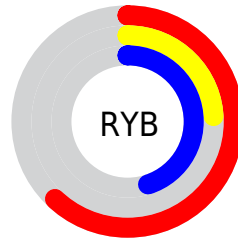
Distribution



Red (62%)

Green (24%)

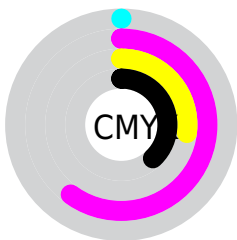
Blue (45%)



Red (62%)

Yellow (24%)

Blue (45%)

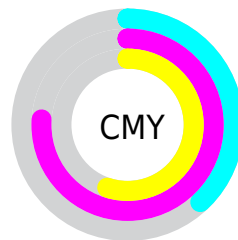


Cyan (0%)

Magenta (60%)

Yellow (27%)

Black (38%)



Cyan (38%)


Magenta (76%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 46.532, 346.904 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 41, 46.532, 346.904 by changing the saturation by 10% instead.


 41, 46.532,
346.904


 41, 46.532,
346.904


 100, 46.532,
346.904

 31, 46.532,
346.904

 61, 46.532,
346.904


 21, 46.532,
346.904

 71, 46.532,
346.904

 11, 46.532,
346.904

 81, 46.532,
346.904

 1, 46.532, 346.904

 91, 46.532,
346.904

 0, 46.532, 346.904

 41, 46.532,

 41, 46.532,

346.904

346.904

38, 52.199,
348.587

44, 39.744,
345.501

36, 56.375,
350.654

48, 32.232,
344.300

35, 58.822,
353.236

52, 24.327,
343.246

34, 59.963,
356.134

56, 16.279,
342.303

60, 8.261, 341.436

65, 0.383, 339.859

69, 7.292, 160.030

74, 14.731,
159.347

78, 21.926,

Harmonies

Complementary

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



41, 46.532, 346.904



58, 45.018, 154.181

Rectangle

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



41, 46.532, 346.904



41, 46.532, 36.904



41, 46.532, 166.904



41, 46.532, 216.904

Sweetspot

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



41, 46.529, 346.905



72, 17.673, 342.112



36, 59.262, 310.125



37, 12.276, 342.355



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



41, 46.529, 346.905



49, 65.596, 349.345



40, 43.441, 22.577



31, 4.473, 341.331



30, 56.000, 355.815



1, 5.680, 342.114

Inverse Universe

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



41, 46.529, 346.905



49, 65.596, 349.345



59, 29.620, 189.764



31, 4.473, 341.331



30, 56.000, 355.815



1, 5.680, 342.114

Previews

White Background



This preview shows how the CIELCh color 41, 46.532, 346.904 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 41, 46.532, 346.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

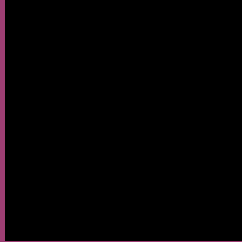
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 46.532, 346.904

Background



This preview shows how black text looks on a background with the CIELCh color 41, 46.532, 346.904.



This preview shows how white text looks on a background with the CIELCh color 41, 46.532, 346.904.

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
41, 46.532, 346.904

Protanopia
41, 26.200, 285.179

Deuteranopia
41, 9.452, 306.161



Tritanopia
41, 37.746, 21.377

Trichromacy



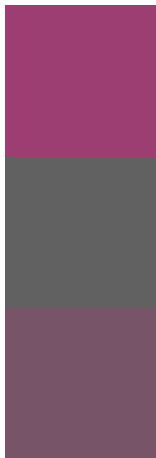
Original Color
41, 46.532, 346.904

Protanomaly
40, 29.817, 313.576

Deuteranomaly
40, 23.232, 333.859

Tritanomaly
41, 38.859, 7.319

Monochromacy



Original Color
41, 46.532, 346.904

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 18.859, 342.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 46.532, 346.904 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(157, 62, 115)` looks like.

```
.text, #text, p{  
    color:rgb(157, 62, 115)  
}
```

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(157, 62, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 62, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 46.532, 346.904 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(157, 62, 115) }
```

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

```
.border{ border-color:rgb(157, 62, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 62, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 62, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 62, 115); box-shadow:4px 4px 4px 4px rgb(157, 62, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 46.532, 346.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 62, 115) }
```

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

```
.background{ background-color: rgb(157, 62,  
115) }
```

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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