

Converting Colors

CIELCh(41, 32.440, 343.705)

Have a look what the booklet for
CIELCh(41, 32.440, 343.705)
contains.

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Color

CIELCh(41, 32.172, 344.349)

Conversions

Conversions Part 1

Format	Color
Hex	8B4D70
RGB	139, 77, 112
RGB Percent	55%, 30%, 44%
CMY	0.4566, 0.6996, 0.5624
CMYK	0.00, 0.45, 0.19, 0.46
HSL	326°, 29%, 42%
HSV	326°, 45%, 54%
XYZ	16.1031, 11.8645, 16.6523
YIQ	99.5280, 25.7170, 24.0290

Conversions

Conversions Part 2

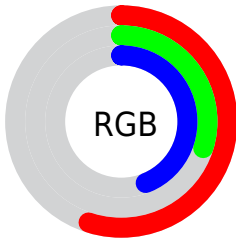
Format	Color
R_{YB}	139, 77, 112
Decimal	9129328
CIE _{Lab}	41.00, 30.98, -8.68
CIE _{LCh}	41, 32.172, 344.349
Yxy	11.8645, 0.3609, 0.2659
Android (android.graphics.Color)	4287319408 (0xFF8B4D70)
YUV	99.5280, 6.1487, 34.6169
Hunter-Lab	34.4449, 23.1705, -4.5522

Details

The CIELCh color **41, 32.172, 344.349** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **53, 31.111, 156.104**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 32.000, 344.328**, and **21, 32.160, 344.509** is the 20% darker color. If you saturate the color by 10%, you get **38, 38.766, 345.586**, and if you desaturate by 10%, it is **44, 25.114, 343.271**.

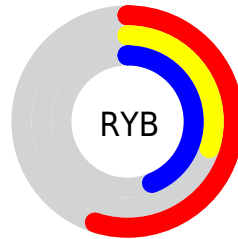
Distribution



Red (55%)

Green (30%)

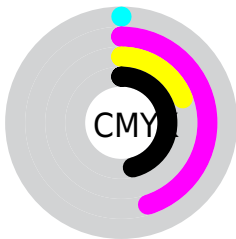
Blue (44%)



Red (55%)

Yellow (30%)

Blue (44%)

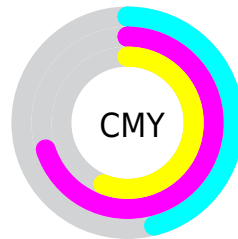


Cyan (0%)

Magenta (45%)

Yellow (19%)

Black (46%)



Cyan (46%)


Magenta (70%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 32.172, 344.349 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, 32.172, 344.349 by changing the saturation by 10% instead.


 41, 32.172,
344.349


 41, 32.172,
344.349


 100, 32.172,
344.349


 31, 32.172,
344.349

 61, 32.172,
344.349


 21, 32.172,
344.349

 71, 32.172,
344.349


 11, 32.172,
344.349


 81, 32.172,
344.349

 1, 32.172, 344.349

 91, 32.172,
344.349

 0, 32.172, 344.349

 41, 32.172,

 41, 32.172,

344.349

344.349

■ 38, 38.766,
345.586

■ 44, 25.114,
343.271

■ 35, 44.583,
347.037

■ 48, 17.850,
342.310

■ 33, 49.272,
348.786

■ 52, 10.556,
341.435

■ 31, 52.526,
350.940

■ 56, 3.351, 340.586

■ 30, 54.238,
353.615

■ 60, 3.694, 160.027

■ 29, 54.947,
355.110

■ 64, 10.540,
159.304

■ 68, 17.169,
158.669

■ 72, 23.579,
158.083

■ 76, 29.775,
157.538

Harmonies

Complementary

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



41, 32.172, 344.349



53, 31.111, 156.104

Rectangle

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



41, 32.172, 344.349



41, 32.172, 34.349



41, 32.172, 164.349



41, 32.172, 214.349

Sweetspot

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



41, 32.170, 344.350



67, 11.586, 341.315



38, 39.229, 309.146



34, 8.185, 341.483



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



41, 32.170, 344.350



49, 47.544, 345.649



40, 28.075, 18.930



27, 4.006, 340.970



28, 53.257, 354.954



0, 1.842, 340.319

Inverse Universe

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



41, 32.170, 344.350



49, 47.544, 345.649



54, 21.440, 190.875



27, 4.006, 340.970



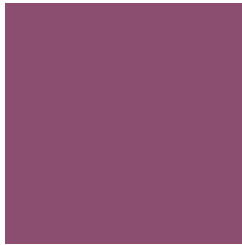
28, 53.257, 354.954



0, 1.842, 340.319

Previews

White Background



This preview shows how the CIELCh color 41, 32.172, 344.349 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, 32.172, 344.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

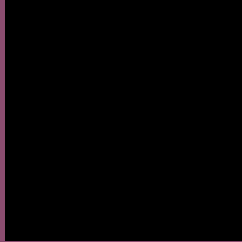
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 32.172, 344.349

Background



This preview shows how black text looks on a background with the CIELCh color 41, 32.172, 344.349.



This preview shows how white text looks on a background with the CIELCh color 41, 32.172, 344.349.

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, 32.172, 344.349

Protanopia

41, 17.662, 285.688

Deuteranopia

41, 8.288, 308.240



Tritanopia
41, 24.634, 14.960

Trichromacy



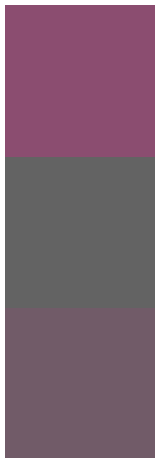
Original Color
41, 32.172, 344.349

Protanomaly
41, 20.320, 313.980

Deuteranomaly
41, 16.835, 332.756

Tritanomaly
41, 26.617, 1.472

Monochromacy



Original Color
41, 32.172, 344.349

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 12.067, 340.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 32.172, 344.349 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(139, 77, 112)` looks like.

```
.text, #text, p{  
    color:rgb(139, 77, 112)  
}
```

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(139, 77, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 77, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 32.172, 344.349 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(139, 77, 112) }
```

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

```
.border{ border-color:rgb(139, 77, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 77, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 77, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 77, 112);  
box-shadow:4px 4px 4px 4px rgb(139, 77,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 32.172, 344.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 77, 112) }
```

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

```
.background{ background-color: rgb(139, 77,  
112) }
```

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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