

Converting Colors

CIELCh(32, 41.175, 336.648)

Have a look what the booklet for
CIELCh(32, 41.175, 336.648)
contains.

CIELCh(32, 41.118, 336.142)	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(32, 41.118, 336.142)

Conversions

Conversions Part 1

Format	Color
Hex	773166
RGB	119, 49, 102
RGB Percent	47%, 19%, 40%
CMY	0.5332, 0.8077, 0.5998
CMYK	0.00, 0.59, 0.14, 0.53
HSL	315°, 42%, 33%
HSV	315°, 59%, 47%
XYZ	11.1140, 7.0852, 13.3627
YIQ	75.9720, 24.7070, 31.3230

Conversions

Conversions Part 2

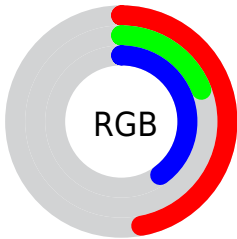
Format	Color
R_{YB}	119, 49, 102
Decimal	7811430
CIE _{Lab}	32.00, 37.60, -16.63
CIE _{LCh}	32, 41.118, 336.142
Yxy	7.0852, 0.3521, 0.2245
Android (android.graphics.Color)	4286001510 (0xFF773166)
YUV	75.9720, 12.8318, 37.7356
Hunter-Lab	26.6180, 27.9490, -11.1320

Details

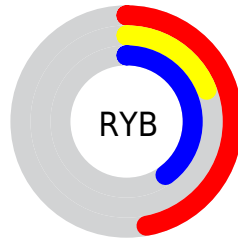
The CIELCh color **32, 41.118, 336.142** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **45, 41.291, 146.678**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 41.055, 336.168**, and **13, 39.121, 336.414** is the 20% darker color. If you saturate the color by 10%, you get **30, 46.429, 336.989**, and if you desaturate by 10%, it is **35, 34.905, 335.357**.

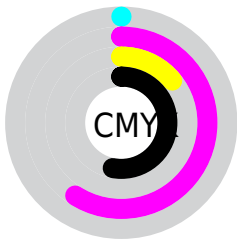
Distribution



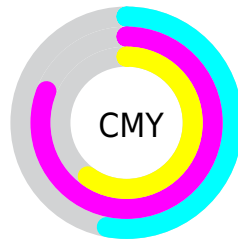
- Red (47%)
- Green (19%)
- Blue (40%)



- Red (47%)
- Yellow (19%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (14%)
- Black (53%)





- Cyan (53%)
- Magenta (81%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 41.118, 336.142 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 32, 41.118, 336.142 by changing the saturation by 10% instead.


 32, 41.118,
336.142


 32, 41.118,
336.142


 100, 41.118,
336.142


 22, 41.118,
336.142

 52, 41.118,
336.142


 12, 41.118,
336.142


 62, 41.118,
336.142

 2, 41.118, 336.142

 72, 41.118,
336.142

 0, 41.118, 336.142

 82, 41.118,
336.142

 92, 41.118,
336.142

■ 32, 41.118,
336.142

■ 32, 41.118,
336.142

■ 30, 46.429,
336.989

■ 35, 34.905,
335.357

■ 28, 50.538,
337.923

■ 37, 28.096,
334.617

■ 27, 53.205,
338.982

■ 40, 20.946,
333.913

■ 26, 54.785,
340.149

■ 44, 13.653,
333.238

■ 26, 54.978,
340.286

■ 47, 6.355, 332.580

■ 50, 0.851, 152.263

■ 54, 7.910, 151.451

■ 58, 14.787,
150.886

■ 61, 21.469,
150.357

Harmonies

Complementary

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



32, 41.118, 336.142



45, 41.291, 146.678

Rectangle

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



32, 41.118, 336.142



32, 41.118, 26.142



32, 41.118, 156.142



32, 41.118, 206.142

Sweetspot

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



32, 41.116, 336.142



57, 16.268, 333.215



26, 45.774, 304.376



28, 11.403, 333.377



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



32, 41.116, 336.142



39, 58.556, 337.350



31, 32.823, 6.564



23, 4.016, 332.595



27, 56.057, 340.330



56, 94.169, 341.188

Inverse Universe

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



32, 41.116, 336.142



39, 58.556, 337.350



45, 27.122, 172.168



23, 4.016, 332.595



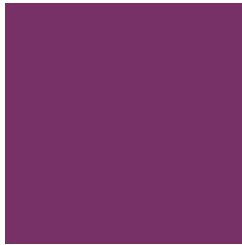
27, 56.057, 340.330



56, 94.169, 341.188

Previews

White Background



This preview shows how the CIELCh color 32, 41.118, 336.142 looks on a white background.

Color Contrast Check

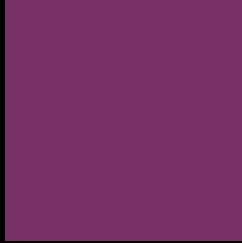
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 32, 41.118, 336.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

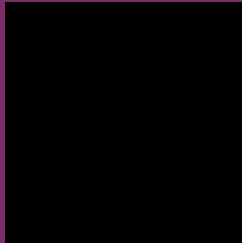
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 41.118, 336.142

Background



This preview shows how black text looks on a background with the CIELCh color 32, 41.118, 336.142.



This preview shows how white text looks on a background with the CIELCh color 32, 41.118, 336.142.

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

32, 41.118, 336.142

Protanopia

33, 29.865, 284.981

Deuteranopia

32, 14.565, 288.195



Tritanopia
32, 26.410, 19.153

Trichromacy



Original Color
32, 41.118, 336.142

Protanomaly
31, 31.604, 304.284

Deuteranomaly
32, 22.873, 316.970

Tritanomaly
32, 29.452, 358.296

Monochromacy



Original Color
32, 41.118, 336.142

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 16.323, 334.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 41.118, 336.142 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(119, 49, 102)` looks like.

```
.text, #text, p{  
    color:rgb(119, 49, 102)  
}
```

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(119, 49, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 49, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 41.118, 336.142 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(119, 49, 102) }
```

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

```
.border{ border-color:rgb(119, 49, 102) }
```

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

Here you see how a box with a 4 pixel rgb(119, 49, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 49, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 49, 102);  
box-shadow:4px 4px 4px 4px rgb(119, 49,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 41.118, 336.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 49, 102) }
```

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

```
.background{ background-color: rgb(119, 49,  
102) }
```

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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