

Converting Colors

CIELCh(32, 41.299, 340.950)

Have a look what the booklet for
CIELCh(32, 41.299, 340.950)
contains.

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Color

CIELCh(32, 41.248, 341.238)

Conversions

Conversions Part 1

Format	Color
Hex	7B2F61
RGB	123, 47, 97
RGB Percent	48%, 18%, 38%
CMY	0.5182, 0.8162, 0.6201
CMYK	0.00, 0.62, 0.21, 0.52
HSL	321°, 45%, 33%
HSV	321°, 62%, 48%
XYZ	11.3131, 7.0852, 12.0512
YIQ	75.4240, 29.2460, 31.6620

Conversions

Conversions Part 2

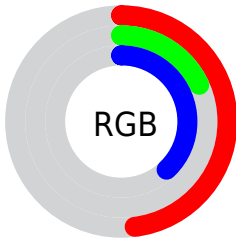
Format	Color
R_{YB}	123, 47, 97
Decimal	8073057
CIE _{Lab}	32.00, 39.06, -13.27
CIE _{LCh}	32, 41.248, 341.238
Yxy	7.0852, 0.3715, 0.2327
Android (android.graphics.Color)	4286263137 (0xFF7B2F61)
YUV	75.4240, 10.6370, 41.7242
Hunter-Lab	26.6180, 29.2845, -8.2108

Details

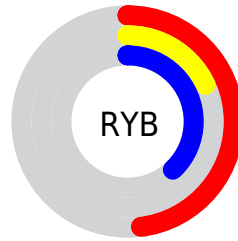
The CIELCh color **32, 41.248, 341.238** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46, 40.972, 149.879**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 41.718, 341.110**, and **13, 37.901, 341.567** is the 20% darker color. If you saturate the color by 10%, you get **30, 46.058, 342.460**, and if you desaturate by 10%, it is **35, 35.463, 340.175**.

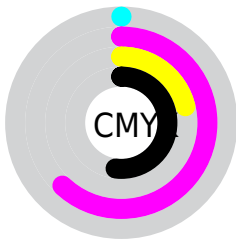
Distribution



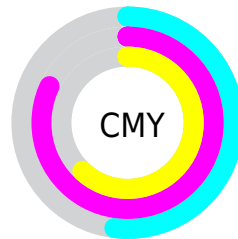
- Red (48%)
- Green (18%)
- Blue (38%)



- Red (48%)
- Yellow (18%)
- Blue (38%)



- Cyan (0%)
- Magenta (62%)
- Yellow (21%)
- Black (52%)





- Cyan (52%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 41.248, 341.238 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, 41.248, 341.238 by changing the saturation by 10% instead.


 32, 41.248,
341.238


 32, 41.248,
341.238

 100, 41.248,
341.238


 22, 41.248,
341.238

 52, 41.248,
341.238


 12, 41.248,
341.238


 62, 41.248,
341.238

 2, 41.248, 341.238

 72, 41.248,
341.238

 0, 41.248, 341.238

 82, 41.248,
341.238

 92, 41.248,
341.238

■ 32, 41.248,
341.238

■ 32, 41.248,
341.238

■ 30, 46.058,
342.460

■ 35, 35.463,
340.175

■ 28, 49.594,
343.901

■ 37, 29.023,
339.226

■ 27, 51.650,
345.639

■ 41, 22.200,
338.364

■ 26, 52.779,
347.177

■ 44, 15.208,
337.566

■ 47, 8.198, 336.817

■ 51, 1.270, 335.965

■ 55, 5.514, 155.559

■ 58, 12.119,
154.930

■ 62, 18.530,
154.354

Harmonies

Complementary

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



32, 41.248, 341.238



46, 40.972, 149.879

Rectangle

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



32, 41.248, 341.238



32, 41.248, 31.238



32, 41.248, 161.238



32, 41.248, 211.238

Sweetspot

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



32, 41.246, 341.239



58, 16.454, 337.385



26, 49.532, 307.346



29, 11.425, 337.568



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



32, 41.246, 341.239



39, 57.888, 343.003



31, 35.475, 15.067



24, 3.877, 336.612



27, 53.403, 347.221



56, 88.989, 348.622

Inverse Universe

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



32, 41.246, 341.239



39, 57.888, 343.003



47, 26.579, 180.068



24, 3.877, 336.612



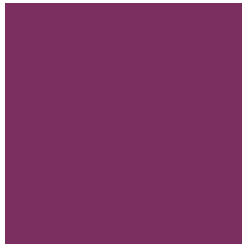
27, 53.403, 347.221



56, 88.989, 348.622

Previews

White Background



This preview shows how the CIELCh color 32, 41.248, 341.238 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 CIE LCh color 32, 41.248, 341.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

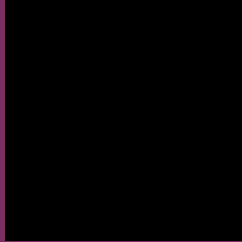
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 41.248, 341.238

Background



This preview shows how black text looks on a background with the CIELCh color 32, 41.248, 341.238.



This preview shows how white text looks on a background with the CIELCh color 32, 41.248, 341.238.

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, 41.248, 341.238

Protanopia

32, 27.356, 284.611

Deuteranopia

33, 11.391, 292.166



Tritanopia
32, 29.861, 20.639

Trichromacy



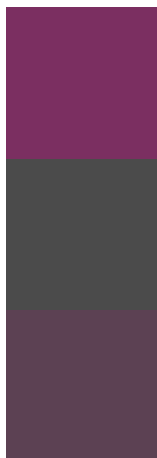
Original Color
32, 41.248, 341.238

Protanomaly
31, 29.453, 307.780

Deuteranomaly
31, 21.411, 324.005

Tritanomaly
32, 31.568, 3.507

Monochromacy



Original Color
32, 41.248, 341.238

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 16.220, 337.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 41.248, 341.238 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(123, 47, 97)` looks like.

```
.text, #text, p{  
    color:rgb(123, 47, 97)  
}
```

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(123, 47, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 47, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 41.248, 341.238 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(123, 47, 97) }
```

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

```
.border{ border-color:rgb(123, 47, 97) }
```

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

Here you see how a box with a 4 pixel rgb(123, 47, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 47, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 47, 97);  
box-shadow:4px 4px 4px 4px rgb(123, 47,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 41.248, 341.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 47, 97) }
```

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

```
.background{ background-color: rgb(123, 47,  
97) }
```

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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