

Converting Colors

CIELCh(32, 37.760, 345.050)

Have a look what the booklet for
CIELCh(32, 37.760, 345.050)
contains.

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Color

CIELCh(32, 37.760, 345.050)

Conversions

Conversions Part 1

Format	Color
Hex	79315B
RGB	121, 49, 91
RGB Percent	47%, 19%, 36%
CMY	0.5239, 0.8063, 0.6417
CMYK	0.00, 0.59, 0.25, 0.52
HSL	325°, 42%, 33%
HSV	325°, 59%, 48%
XYZ	10.9616, 7.0852, 10.7719
YIQ	75.3160, 29.4300, 28.3260

Conversions

Conversions Part 2

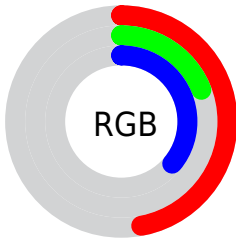
Format	Color
R_{YB}	121, 49, 91
Decimal	7942491
CIE _{Lab}	32.00, 36.48, -9.74
CIE _{LCh}	32, 37.760, 345.050
Yxy	7.0852, 0.3804, 0.2459
Android (android.graphics.Color)	4286132571 (0xFF79315B)
YUV	75.3160, 7.7322, 40.0649
Hunter-Lab	26.6180, 26.9271, -5.3612

Details

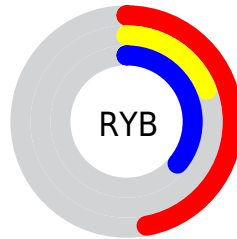
The CIELCh color **32, 37.760, 345.050** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46, 36.749, 153.417**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 37.550, 344.968**, and **12, 35.791, 345.705** is the 20% darker color. If you saturate the color by 10%, you get **30, 42.658, 346.510**, and if you desaturate by 10%, it is **35, 32.035, 343.810**.

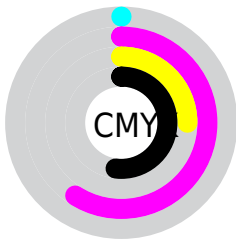
Distribution



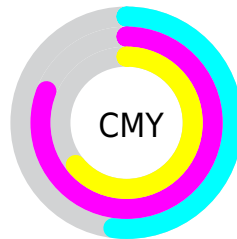
- Red (47%)
- Green (19%)
- Blue (36%)



- Red (47%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (59%)
- Yellow (25%)
- Black (52%)





- Cyan (52%)
- Magenta (81%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 37.760, 345.050 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, 37.760, 345.050 by changing the saturation by 10% instead.


 32, 37.760,
345.050


 32, 37.760,
345.050

 100, 37.760,
345.050


 22, 37.760,
345.050

 52, 37.760,
345.050


 12, 37.760,
345.050


 62, 37.760,
345.050

 2, 37.760, 345.050

 72, 37.760,
345.050

 0, 37.760, 345.050

 82, 37.760,
345.050

 92, 37.760,
345.050

■ 32, 37.760,
345.050

■ 32, 37.760,
345.050

■ 30, 42.658,
346.510

■ 35, 32.035,
343.810

■ 28, 46.429,
348.269

■ 38, 25.786,
342.729

■ 26, 48.841,
350.434

■ 41, 19.258,
341.766

■ 25, 50.313,
352.923

■ 44, 12.636,
340.893

■ 25, 50.419,
353.089

■ 48, 6.047, 340.078

■ 51, 0.429, 160.002

■ 55, 6.743, 158.754

■ 58, 12.871,
158.106

■ 62, 18.806,
157.513

Harmonies

Complementary

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



32, 37.760, 345.050



46, 36.749, 153.417

Rectangle

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



32, 37.760, 345.050



32, 37.760, 35.050



32, 37.760, 165.050



32, 37.760, 215.050

Sweetspot

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



32, 37.758, 345.051



57, 14.601, 340.819



28, 47.053, 309.498



28, 10.106, 341.021



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, 37.758, 345.051



39, 53.411, 347.074



31, 34.218, 20.678



24, 3.676, 340.058



26, 51.444, 353.191



55, 85.838, 355.092

Inverse Universe

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



32, 37.758, 345.051



39, 53.411, 347.074



47, 24.106, 188.257



24, 3.676, 340.058



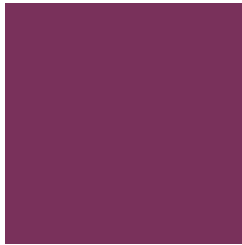
26, 51.444, 353.191



55, 85.838, 355.092

Previews

White Background



This preview shows how the CIE LCh color 32, 37.760, 345.050 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, 37.760, 345.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

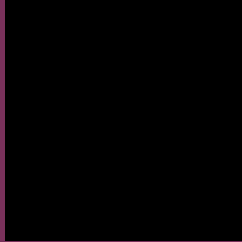
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 37.760, 345.050

Background



This preview shows how black text looks on a background with the CIELCh color 32, 37.760, 345.050.



This preview shows how white text looks on a background with the CIELCh color 32, 37.760, 345.050.

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, 37.760, 345.050

Protanopia

32, 22.256, 285.017

Deuteranopia

32, 9.052, 302.185



Tritanopia
32, 29.448, 21.576

Trichromacy



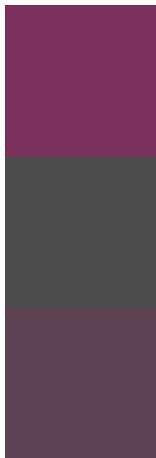
Original Color
32, 37.760, 345.050

Protanomaly
31, 24.808, 312.053

Deuteranomaly
32, 19.390, 331.363

Tritanomaly
32, 30.908, 6.403

Monochromacy



Original Color
32, 37.760, 345.050

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 15.403, 341.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 37.760, 345.050 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(121, 49, 91)` looks like.

```
.text, #text, p{  
    color:rgb(121, 49, 91)  
}
```

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(121, 49, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 49, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 37.760, 345.050 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(121, 49, 91) }
```

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

```
.border{ border-color:rgb(121, 49, 91) }
```

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

Here you see how a box with a 4 pixel rgb(121, 49, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 49, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 49, 91);  
box-shadow:4px 4px 4px 4px rgb(121, 49,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 37.760, 345.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 49, 91) }
```

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

```
.background{ background-color: rgb(121, 49,  
91) }
```

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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