

Converting Colors

CIELCh(37, 24.573, 339.286)

Have a look what the booklet for
CIELCh(37, 24.573, 339.286)
contains.

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Color

CIELCh(37, 24.780, 339.863)

Conversions

Conversions Part 1

Format	Color
Hex	754965
RGB	117, 73, 101
RGB Percent	46%, 29%, 40%
CMY	0.5402, 0.7128, 0.6030
CMYK	0.00, 0.38, 0.14, 0.54
HSL	322°, 23%, 37%
HSV	322°, 38%, 46%
XYZ	12.1269, 9.5379, 13.5738
YIQ	89.3480, 17.2360, 18.0360

Conversions

Conversions Part 2

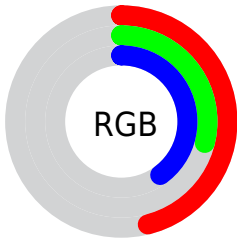
Format	Color
R_{YB}	117, 73, 101
Decimal	7686501
CIE Lab	37.00, 23.27, -8.53
CIE LCh	37, 24.780, 339.863
Yxy	9.5379, 0.3441, 0.2707
Android (android.graphics.Color)	4285876581 (0xFF754965)
YUV	89.3480, 5.7444, 24.2508
Hunter-Lab	30.8835, 16.0444, -4.4403

Details

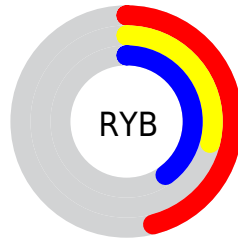
The CIELCh color $[37, 24.780, 339.863]$ is a dark color, and the websafe version is hex `#663366`. A complement of this color would be $[46, 24.319, 153.829]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 25.109, 339.675]$, and $[17, 24.833, 339.649]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 31.094, 340.808]$, and if you desaturate by 10%, it is $[40, 18.206, 339.005]$.

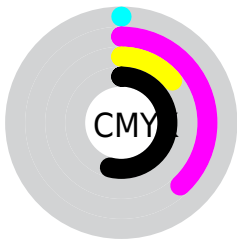
Distribution



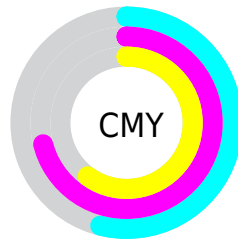
- Red (46%)
- Green (29%)
- Blue (40%)



- Red (46%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (14%)
- Black (54%)



- Cyan (54%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 24.780, 339.863 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 37, 24.780, 339.863 by changing the saturation by 10% instead.

 37, 24.780,
339.863

 37, 24.780,
339.863

 100, 24.780,
339.863

 27, 24.780,
339.863

 57, 24.780,
339.863


 17, 24.780,
339.863

 67, 24.780,
339.863

 7, 24.780, 339.863

 77, 24.780,
339.863

 0, 24.780, 339.863

 87, 24.780,
339.863

 97, 24.780,
339.863

■ 37, 24.780,
339.863

■ 37, 24.780,
339.863

■ 34, 31.094,
340.808

■ 40, 18.206,
339.005

■ 31, 36.918,
341.865

■ 43, 11.549,
338.211

■ 29, 41.967,
343.076

■ 47, 4.928, 337.454

■ 27, 45.939,
344.499

■ 50, 1.582, 156.977

■ 54, 7.935, 156.218

■ 26, 48.583,
346.213

■ 57, 14.109,
155.608

■ 25, 50.100,
348.213

■ 61, 20.094,
155.044

■ 25, 50.479,
348.699

■ 64, 25.892,
154.516

■ 68, 31.508,
154.020

Harmonies

Complementary

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



37, 24.780, 339.863



46, 24.319, 153.829

Rectangle

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



37, 24.780, 339.863



37, 24.780, 29.863



37, 24.780, 159.863



37, 24.780, 209.863

Sweetspot

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



37, 24.778, 339.864



59, 8.966, 337.737



34, 28.233, 305.949



29, 5.993, 337.813



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



37, 24.778, 339.864



45, 36.667, 340.671



36, 20.100, 11.275



23, 3.683, 337.567



26, 52.013, 348.826



55, 87.280, 350.411

Inverse Universe

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



37, 24.778, 339.864



45, 36.667, 340.671



46, 16.863, 184.002



23, 3.683, 337.567



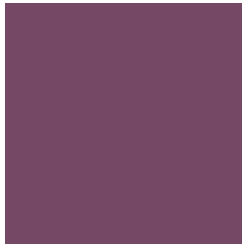
26, 52.013, 348.826



55, 87.280, 350.411

Previews

White Background



This preview shows how the CIE LCh color 37, 24.780, 339.863 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 37, 24.780, 339.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

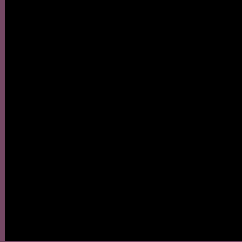
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 24.780, 339.863

Background



This preview shows how black text looks on a background with the CIELCh color 37, 24.780, 339.863.



This preview shows how white text looks on a background with the CIELCh color 37, 24.780, 339.863.

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

37, 24.780, 339.863

Protanopia

37, 14.272, 284.851

Deuteranopia

37, 8.932, 304.656



Tritanopia
37, 17.253, 9.994

Trichromacy



Original Color
37, 24.780, 339.863

Protanomaly
37, 16.380, 310.779

Deuteranomaly
37, 14.140, 325.403

Tritanomaly
37, 19.184, 356.200

Monochromacy



Original Color
37, 24.780, 339.863

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 9.158, 338.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 24.780, 339.863 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(117, 73, 101)` looks like.

```
.text, #text, p{  
    color:rgb(117, 73, 101)  
}
```

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(117, 73, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 73, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 24.780, 339.863 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(117, 73, 101) }
```

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

```
.border{ border-color:rgb(117, 73, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 73, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 73, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 73, 101);  
box-shadow:4px 4px 4px 4px rgb(117, 73,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 24.780, 339.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 73, 101) }
```

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

```
.background{ background-color: rgb(117, 73,  
101) }
```

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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