

Converting Colors

CIELCh(37, 24.183, 351.735)

Have a look what the booklet for
CIELCh(37, 24.183, 351.735)
contains.

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Color

CIELCh(37, 24.249, 351.849)

Conversions

Conversions Part 1

Format	Color
Hex	79485D
RGB	121, 72, 93
RGB Percent	47%, 28%, 36%
CMY	0.5246, 0.7168, 0.6345
CMYK	0.00, 0.40, 0.23, 0.52
HSL	334°, 25%, 38%
HSV	334°, 40%, 48%
XYZ	12.2339, 9.5379, 11.6020
YIQ	89.0450, 22.4630, 16.9190

Conversions

Conversions Part 2

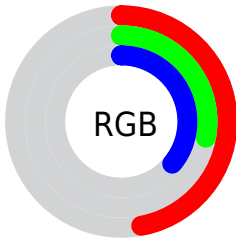
Format	Color
R_{YB}	121, 72, 93
Decimal	7948381
CIE Lab	37.00, 24.00, -3.44
CIE LCh	37, 24.249, 351.849
Yxy	9.5379, 0.3666, 0.2858
Android (android.graphics.Color)	4286138461 (0xFF79485D)
YUV	89.0450, 1.9498, 28.0245
Hunter-Lab	30.8835, 16.6633, -0.6550

Details

The CIELCh color $[37, 24.249, 351.849]$ is a dark color, and the websafe version is hex `663333`. A complement of this color would be $[47, 22.687, 163.784]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 24.307, 351.559]$, and $[17, 24.415, 352.222]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 30.111, 353.315]$, and if you desaturate by 10%, it is $[40, 18.189, 350.603]$.

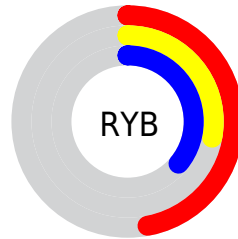
Distribution



Red (47%)

Green (28%)

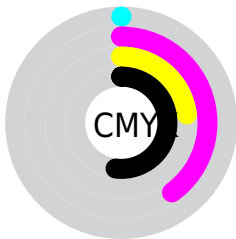
Blue (36%)



Red (47%)

Yellow (28%)

Blue (36%)

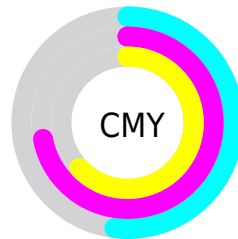


Cyan (0%)

Magenta (40%)

Yellow (23%)

Black (52%)



Cyan (52%)

Magenta (72%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 24.249, 351.849 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, 24.249, 351.849 by changing the saturation by 10% instead.

 37, 24.249,
351.849

 37, 24.249,
351.849

 100, 24.249,
351.849

 27, 24.249,
351.849

 57, 24.249,
351.849

 17, 24.249,
351.849

 67, 24.249,
351.849

 7, 24.249, 351.849

 77, 24.249,
351.849

 0, 24.249, 351.849

 87, 24.249,
351.849

 97, 24.249,
351.849

37, 24.249,
351.849

37, 24.249,
351.849

34, 30.111,
353.315

40, 18.189,
350.603

31, 35.552,
355.073

44, 12.104,
349.515

29, 40.298,
357.230

47, 6.102, 348.537

27, 44.077,
359.923

51, 0.253, 346.552

54, 5.409, 167.019

26, 46.715, 3.308

58, 10.869,
166.289

25, 48.703, 6.925

62, 16.125,
165.635

66, 21.183,
165.037

■ 69, 26.056,
164.484

Harmonies

Complementary

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



37, 24.249, 351.849



47, 22.687, 163.784

Rectangle

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



37, 24.249, 351.849



37, 24.249, 41.849



37, 24.249, 171.849



37, 24.249, 221.849

Sweetspot

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



37, 24.247, 351.851



60, 8.746, 348.714



36, 32.173, 313.141



30, 5.777, 348.807



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



37, 24.247, 351.851



45, 36.365, 353.280



37, 21.480, 27.917



24, 3.314, 348.409



26, 49.773, 7.090



54, 83.951, 9.978

Inverse Universe

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



37, 24.247, 351.851



45, 36.365, 353.280



47, 16.190, 204.635



24, 3.314, 348.409



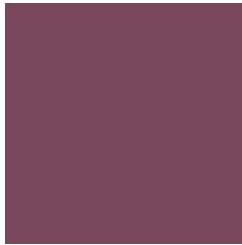
26, 49.773, 7.090



54, 83.951, 9.978

Previews

White Background



This preview shows how the CIELCh color 37, 24.249, 351.849 looks on a white background.

Color Contrast Check

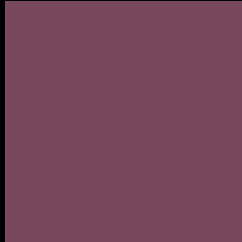
Large Text (above 18pt) WCAG AA ✓ Pass

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 37, 24.249, 351.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

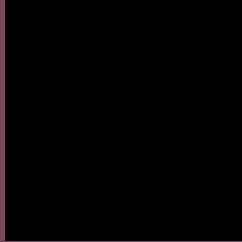
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 24.249, 351.849

Background



This preview shows how black text looks on a background with the CIELCh color 37, 24.249, 351.849.



This preview shows how white text looks on a background with the CIELCh color 37, 24.249, 351.849.

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, 24.249, 351.849

Protanopia

37, 9.315, 284.382

Deuteranopia

37, 5.337, 336.253



Tritanopia
37, 20.446, 14.256

Trichromacy



Original Color
37, 24.249, 351.849

Protanomaly
37, 12.448, 323.663

Deuteranomaly
37, 12.614, 345.562

Tritanomaly
37, 21.227, 4.693

Monochromacy



Original Color
37, 24.249, 351.849

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 9.142, 348.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 24.249, 351.849 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, 72, 93)` looks like.

```
.text, #text, p{  
    color:rgb(121, 72, 93)  
}
```

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, 72, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 72, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 24.249, 351.849 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, 72, 93) }
```

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

```
.border{ border-color:rgb(121, 72, 93) }
```

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

Here you see how a box with a 4 pixel rgb(121, 72, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 72, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 72, 93);  
box-shadow:4px 4px 4px 4px rgb(121, 72,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 24.249, 351.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 72, 93) }
```

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

```
.background{ background-color: rgb(121, 72,  
93) }
```

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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