

Converting Colors

CIELCh(36, 28.244, 231.608)

Have a look what the booklet for
CIELCh(36, 28.244, 231.608)
contains.

CIELCh(37, 25.283, 237.464)	3
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Color

CIELCh(37, 25.283, 237.464)

Conversions

Conversions Part 1

Format	Color
Hex	025F79
RGB	2, 95, 121
RGB Percent	1%, 37%, 47%
CMY	0.9918, 0.6282, 0.5261
CMYK	0.98, 0.22, 0.00, 0.53
HSL	193°, 97%, 24%
HSV	193°, 98%, 47%
XYZ	7.5411, 9.5379, 19.4794
YIQ	70.1570, -63.7740, -11.6300

Conversions

Conversions Part 2

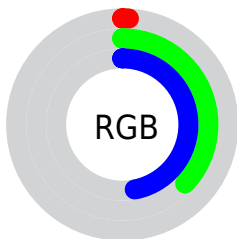
Format	Color
RYB	2, 54, 121
Decimal	155513
CIELab	37.00, -13.60, -21.31
CIELCh	37, 25.283, 237.464
Yxy	9.5379, 0.2063, 0.2609
Android (android.graphics.Color)	4278345593 (0xFF025F79)
YUV	70.1570, 25.0656, -59.7737
Hunter-Lab	30.8835, -10.4601, -15.7779

Details

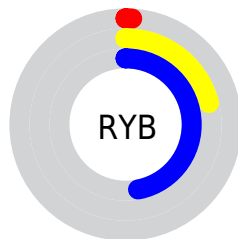
The CIELCh color **37, 25.283, 237.464** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **26, 53.968, 43.941**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 25.211, 235.916**, and **19, 19.301, 253.778** is the 20% darker color. If you saturate the color by 10%, you get **37, 25.451, 238.041**, and if you desaturate by 10%, it is **38, 24.350, 234.052**.

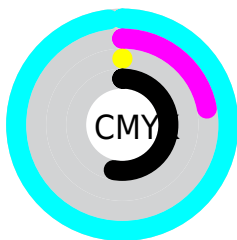
Distribution



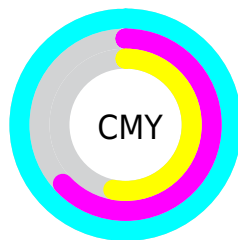
- Red (1%)
- Green (37%)
- Blue (47%)



- Red (1%)
- Yellow (21%)
- Blue (47%)



- Cyan (98%)
- Magenta (22%)
- Yellow (0%)
- Black (53%)



- Cyan (99%)
- Magenta (63%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 25.283, 237.464 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, 25.283, 237.464 by changing the saturation by 10% instead.

 37, 25.283,
237.464


 37, 25.283,
237.464

 100, 25.283,
237.464

 27, 25.283,
237.464

 57, 25.283,
237.464

 17, 25.283,
237.464

 67, 25.283,
237.464

 7, 25.283, 237.464

 77, 25.283,
237.464

 0, 25.283, 237.464

 87, 25.283,
237.464

 97, 25.283,
237.464

■ 37, 25.283,
237.464

■ 37, 25.283,
237.464

■ 37, 25.451,
238.041

■ 38, 24.350,
234.052

■ 39, 23.141,
231.066

■ 40, 21.502,
228.649

■ 42, 19.411,
226.728

■ 43, 16.885,
225.227

■ 44, 13.960,
224.071

■ 46, 10.685,
223.197

■ 48, 7.114, 222.556

Harmonies

Complementary

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



37, 25.283, 237.464



26, 53.968, 43.941

Rectangle

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



37, 25.283, 237.464



37, 25.283, 287.464



37, 25.283, 57.464



37, 25.283, 107.464

Sweetspot

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



37, 25.282, 237.464



59, 13.595, 223.310



44, 62.638, 139.825



30, 9.168, 223.595



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, 25.282, 237.464



48, 31.047, 239.189



19, 57.352, 297.420



25, 2.269, 222.159



38, 26.082, 238.198



74, 44.269, 240.653

Inverse Universe

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



27, 56.197, 338.681



35, 68.387, 339.190



39, 47.389, 81.558



24, 4.232, 331.726



27, 57.823, 338.903



57, 96.532, 339.622

Previews

White Background



This preview shows how the CIELCh color 37, 25.283, 237.464 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, 25.283, 237.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

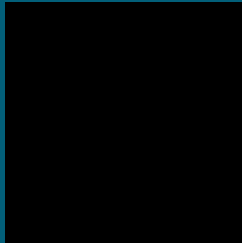
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 25.283, 237.464

Background



This preview shows how black text looks on a background with the CIELCh color 37, 25.283, 237.464.



This preview shows how white text looks on a background with the CIELCh color 37, 25.283, 237.464.

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, 25.304, 237.336

Protanopia

37, 17.420, 284.496

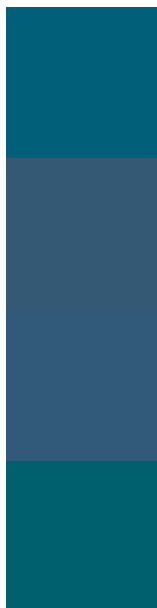
Deuteranopia

37, 23.068, 283.533



Tritanopia
37, 23.878, 207.195

Trichromacy



Original Color
37, 25.304, 237.336

Protanomaly
36, 20.120, 255.510

Deuteranomaly
36, 23.282, 260.918

Tritanomaly
37, 23.626, 218.665

Monochromacy



Original Color
37, 25.304, 237.336

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 13.272, 223.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 25.283, 237.464 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(2, 95, 121)` looks like.

```
.text, #text, p{  
    color:rgb(2, 95, 121)  
}
```

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(2, 95, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 95, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 25.283, 237.464 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(2, 95, 121) }
```

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

```
.border{ border-color:rgb(2, 95, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 95, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 95, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 95, 121);  
box-shadow:4px 4px 4px 4px rgb(2, 95, 121)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 25.283, 237.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 95, 121) }
```

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

```
.background{ background-color: rgb(2, 95,  
121) }
```

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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