

Converting Colors

CIELCh(37, 25.419, 259.414)

Have a look what the booklet for
CIELCh(37, 25.419, 259.414)
contains.

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Color

CIELCh(37, 25.591, 259.744)

Conversions

Conversions Part 1

Format	Color
Hex	295B7F
RGB	41, 91, 127
RGB Percent	16%, 36%, 50%
CMY	0.8381, 0.6422, 0.5010
CMYK	0.68, 0.28, 0.00, 0.50
HSL	205°, 51%, 33%
HSV	205°, 68%, 50%
XYZ	8.5338, 9.5379, 21.5543
YIQ	80.1540, -41.3560, 0.5960

Conversions

Conversions Part 2

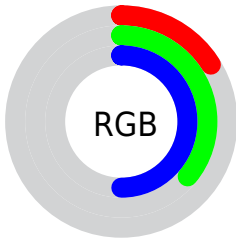
Format	Color
RYB	41, 73, 127
Decimal	2710399
CIELab	37.00, -4.56, -25.18
CIELCh	37, 25.591, 259.744
Yxy	9.5379, 0.2154, 0.2407
Android (android.graphics.Color)	4280900479 (0xFF295B7F)
YUV	80.1540, 23.0951, -34.3381
Hunter-Lab	30.8835, -4.7226, -19.7614

Details

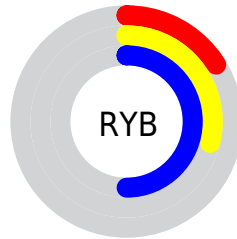
The CIELCh color **37, 25.591, 259.744** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **38, 34.521, 59.534**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 25.619, 259.722**, and **18, 23.723, 268.615** is the 20% darker color. If you saturate the color by 10%, you get **35, 28.741, 263.447**, and if you desaturate by 10%, it is **39, 22.282, 256.576**.

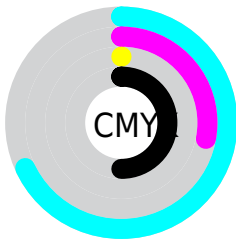
Distribution



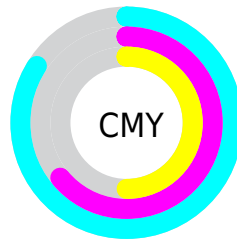
- Red (16%)
- Green (36%)
- Blue (50%)



- Red (16%)
- Yellow (29%)
- Blue (50%)



- Cyan (68%)
- Magenta (28%)
- Yellow (0%)
- Black (50%)




- Cyan (84%)
- Magenta (64%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 25.591, 259.744 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, 25.591, 259.744 by changing the saturation by 10% instead.


 37, 25.591,
259.744


 37, 25.591,
259.744

 100, 25.591,
259.744

 27, 25.591,
259.744

 57, 25.591,
259.744

 17, 25.591,
259.744

 67, 25.591,
259.744

 7, 25.591, 259.744

 77, 25.591,
259.744

 0, 25.591, 259.744

 87, 25.591,
259.744

 97, 25.591,
259.744

■ 37, 25.591,
259.744

■ 37, 25.591,
259.744

■ 35, 28.741,
263.447

■ 39, 22.282,
256.576

■ 33, 31.789,
267.665

■ 42, 18.790,
253.910

■ 31, 34.848,
272.152

■ 44, 15.114,
251.688

■ 30, 35.629,
273.176

■ 46, 11.269,
249.845

■ 49, 7.278, 248.323

■ 51, 3.169, 247.098

■ 54, 1.033, 65.630

■ 56, 5.303, 64.969

■ 59, 9.620, 64.231

Harmonies

Complementary

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



37, 25.591, 259.744



38, 34.521, 59.534

Rectangle

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



37, 25.591, 259.744



37, 25.591, 309.744



37, 25.591, 79.744



37, 25.591, 129.744

Sweetspot

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



37, 25.590, 259.744



62, 10.257, 248.738



47, 42.666, 152.105



31, 7.030, 249.091



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



37, 25.590, 259.744



44, 36.845, 265.650



24, 51.536, 297.812



26, 2.366, 247.265



31, 35.685, 273.187



0, 0.000, 0.000

Inverse Universe

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



32, 43.405, 346.401



38, 59.597, 349.213



50, 43.281, 99.913



25, 3.799, 340.159



27, 52.137, 353.427



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 37, 25.591, 259.744 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, 25.591, 259.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

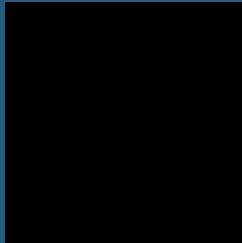
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

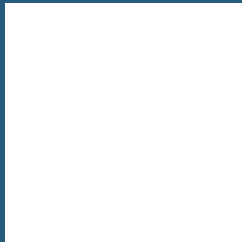
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 37, 25.591, 259.744

Background



This preview shows how black text looks on a background with the CIELCh color 37, 25.591, 259.744.

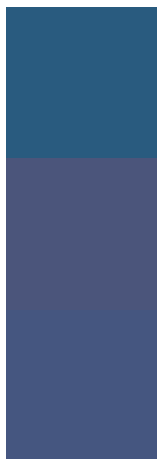


This preview shows how white text looks on a background with the CIELCh color 37, 25.591, 259.744.

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, 25.591, 259.744

Protanopia

37, 23.629, 285.551

Deuteranopia

37, 26.289, 282.087



Tritanopia
37, 21.124, 210.663

Trichromacy



Original Color
37, 25.591, 259.744

Protanomaly
37, 24.365, 275.342

Deuteranomaly
37, 25.835, 273.549

Tritanomaly
37, 20.815, 230.193

Monochromacy



Original Color
37, 25.591, 259.744

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 10.405, 250.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 25.591, 259.744 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(41, 91, 127)` looks like.

```
.text, #text, p{  
    color:rgb(41, 91, 127)  
}
```

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(41, 91, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 91, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 25.591, 259.744 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(41, 91, 127) }
```

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

```
.border{ border-color:rgb(41, 91, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 91, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 91, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 91, 127);  
box-shadow:4px 4px 4px 4px rgb(41, 91,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 25.591, 259.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 91, 127) }
```

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

```
.background{ background-color: rgb(41, 91,  
127) }
```

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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