

Converting Colors

CIELCh(37, 11.567, 263.573)

Have a look what the booklet for
CIELCh(37, 11.567, 263.573)
contains.

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Color

CIELCh(37, 11.586, 264.816)

Conversions

Conversions Part 1

Format	Color
Hex	4A5869
RGB	74, 88, 105
RGB Percent	29%, 35%, 41%
CMY	0.7084, 0.6535, 0.5867
CMYK	0.29, 0.16, 0.00, 0.59
HSL	213°, 17%, 35%
HSV	213°, 29%, 41%
XYZ	8.9415, 9.5379, 14.8369
YIQ	85.7520, -13.8010, 2.3190

Conversions

Conversions Part 2

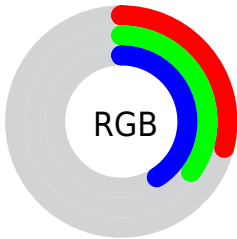
Format	Color
R_{YB}	74, 84, 105
Decimal	4872297
CIE Lab	37.00, -1.05, -11.54
CIE LCh	37, 11.586, 264.816
Yxy	9.5379, 0.2684, 0.2863
Android (android.graphics.Color)	4283062377 (0xFF4A5869)
YUV	85.7520, 9.4893, -10.3065
Hunter-Lab	30.8835, -2.3665, -6.8653

Details

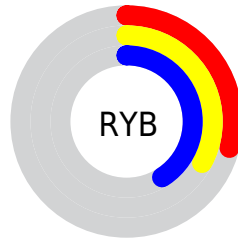
The CIELCh color $37, 11.586, 264.816$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40, 12.219, 76.908$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $57, 11.463, 263.229$, and $17, 11.497, 264.923$ is the 20% darker color. If you saturate the color by 10%, you get $34, 15.491, 266.786$, and if you desaturate by 10%, it is $40, 7.660, 263.132$.

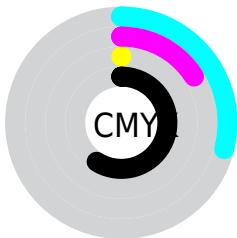
Distribution



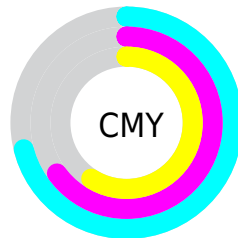
- Red (29%)
- Green (35%)
- Blue (41%)



- Red (29%)
- Yellow (33%)
- Blue (41%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)
- Black (59%)





- Cyan (71%)
- Magenta (65%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 11.586, 264.816 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, 11.586, 264.816 by changing the saturation by 10% instead.


 37, 11.586,
264.816


 37, 11.586,
264.816

 100, 11.586,
264.816


 27, 11.586,
264.816

 57, 11.586,
264.816


 17, 11.586,
264.816


 67, 11.586,
264.816

 7, 11.586, 264.816

 77, 11.586,
264.816

 0, 11.586, 264.816

 87, 11.586,
264.816

 97, 11.586,
264.816

■ 37, 11.586,
264.816

■ 37, 11.586,
264.816

■ 34, 15.491,
266.786

■ 40, 7.660, 263.132

■ 32, 19.375,
269.096

■ 42, 3.722, 261.714

■ 30, 23.242,
271.781

■ 45, 0.219, 79.472

■ 27, 27.108,
274.869

■ 47, 4.156, 79.290

■ 25, 31.002,
278.352

■ 50, 8.079, 78.379

■ 23, 34.963,
282.169

■ 52, 11.981, 77.570

■ 21, 39.064,
285.858

■ 55, 15.856, 76.853

■ 20, 39.303,

■ 58, 19.699, 76.217

■ 60, 23.506, 75.649

Harmonies

Complementary

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



37, 11.586, 264.816



40, 12.219, 76.908

Rectangle

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



37, 11.586, 264.816



37, 11.586, 314.816



37, 11.586, 84.816



37, 11.586, 134.816

Sweetspot

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



37, 11.585, 264.813



54, 4.425, 261.691



42, 15.370, 162.901



27, 3.051, 261.833



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



37, 11.585, 264.813



46, 17.139, 266.072



33, 19.606, 294.629



21, 2.248, 261.656



23, 42.939, 286.619



49, 78.444, 289.264

Inverse Universe

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



35, 15.864, 349.026



44, 23.566, 349.771



44, 18.347, 108.958



21, 3.006, 347.028



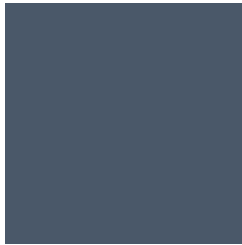
24, 47.602, 4.595



52, 81.866, 7.602

Previews

White Background



This preview shows how the CIE LCh color 37, 11.586, 264.816 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, 11.586, 264.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

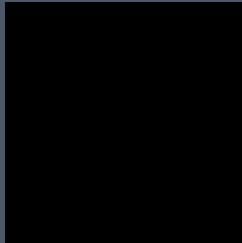
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

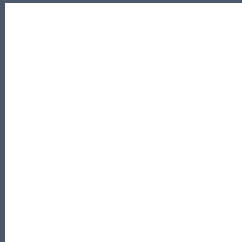
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 37, 11.586, 264.816

Background



This preview shows how black text looks on a background with the CIELCh color 37, 11.586, 264.816.

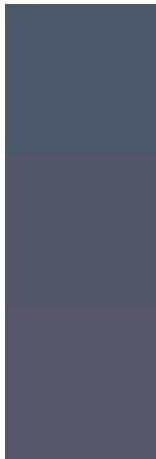


This preview shows how white text looks on a background with the CIELCh color 37, 11.586, 264.816.

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

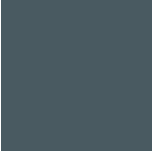
37, 11.586, 264.816

Protanopia

37, 11.171, 285.980

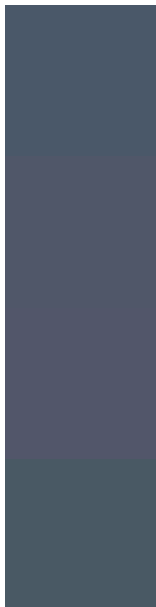
Deuteranopia

37, 13.018, 293.959



Tritanopia
37, 7.801, 232.538

Trichromacy



Original Color
37, 11.586, 264.816

Protanomaly
37, 11.370, 278.310

Deuteranomaly
37, 12.430, 285.074

Tritanomaly
37, 9.010, 248.172

Monochromacy



Original Color
37, 11.586, 264.816

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 4.198, 261.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 11.586, 264.816 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(74, 88, 105)` looks like.

```
.text, #text, p{  
    color:rgb(74, 88, 105)  
}
```

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(74, 88, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 88, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 11.586, 264.816 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(74, 88, 105) }
```

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

```
.border{ border-color:rgb(74, 88, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 88, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 88, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 88, 105);  
box-shadow:4px 4px 4px 4px rgb(74, 88,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 11.586, 264.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 88, 105) }
```

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

```
.background{ background-color: rgb(74, 88,  
105) }
```

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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