

Converting Colors

CIELCh(37, 11.539, 308.650)

Have a look what the booklet for
CIELCh(37, 11.539, 308.650)
contains.

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Color

CIELCh(37, 11.646, 307.917)

Conversions

Conversions Part 1

Format	Color
Hex	5C5466
RGB	92, 84, 102
RGB Percent	36%, 33%, 40%
CMY	0.6399, 0.6712, 0.6007
CMYK	0.10, 0.18, 0.00, 0.60
HSL	267°, 10%, 36%
HSV	267°, 18%, 40%
XYZ	9.9445, 9.5379, 13.8431
YIQ	88.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

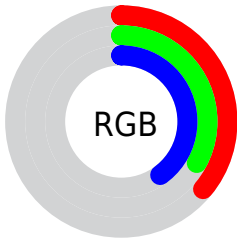
Format	Color
R_{YB}	92, 84, 102
Decimal	6050918
CIE Lab	37.00, 7.16, -9.19
CIE LCh	37, 11.646, 307.917
Yxy	9.5379, 0.2984, 0.2862
Android (android.graphics.Color)	4284240998 (0xFF5C5466)
YUV	88.4440, 6.6831, 3.1186
Hunter-Lab	30.8835, 3.4307, -4.9575

Details

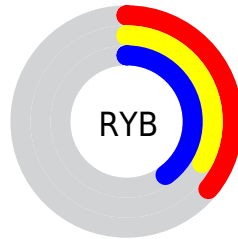
The CIELCh color $37, 11.646, 307.917$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 11.354, 126.324$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $57, 11.307, 306.862$, and $17, 11.610, 308.137$ is the 20% darker color. If you saturate the color by 10%, you get $34, 18.485, 308.442$, and if you desaturate by 10%, it is $40, 4.984, 307.428$.

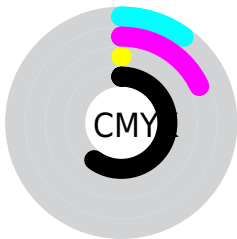
Distribution



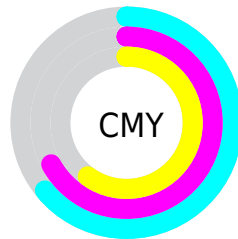
- Red (36%)
- Green (33%)
- Blue (40%)



- Red (36%)
- Yellow (33%)
- Blue (40%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (67%)
- Yellow (60%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 11.646, 307.917 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, 11.646, 307.917 by changing the saturation by 10% instead.

■ 37, 11.646,
307.917

■ 37, 11.646,
307.917

■ 100, 11.646,
307.917

■ 27, 11.646,
307.917

■ 57, 11.646,
307.917

■ 17, 11.646,
307.917

■ 67, 11.646,
307.917

■ 7, 11.646, 307.917

■ 77, 11.646,
307.917

■ 0, 11.646, 307.917

■ 87, 11.646,
307.917

■ 97, 11.646,
307.917

■ 37, 11.646,
307.917

■ 37, 11.646,
307.917

■ 34, 18.485,
308.442

■ 40, 4.984, 307.428

■ 44, 1.485, 127.047

■ 30, 25.472,
309.002

■ 47, 7.759, 126.625

■ 27, 32.546,
309.580

■ 51, 13.844,
126.277

■ 24, 39.591,
310.149

■ 54, 19.744,
125.972

■ 20, 46.418,
310.660

■ 58, 25.469,
125.705

■ 18, 52.725,
311.044

■ 61, 31.027,
125.473

■ 15, 58.096,
311.204

■ 64, 36.428,
125.271

■ 13, 62.751,

311.263

■ 68, 41.680,
125.097

■ 13, 63.948,
311.335

Harmonies

Complementary

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



37, 11.646, 307.917



42, 11.354, 126.324

Rectangle

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



37, 11.646, 307.917



37, 11.646, 357.917



37, 11.646, 127.917



37, 11.646, 177.917

Sweetspot

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



37, 11.645, 307.916



53, 4.024, 307.308



39, 6.157, 250.030



27, 2.725, 307.332



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



37, 11.645, 307.916



46, 17.287, 308.118



38, 13.083, 323.467



19, 3.660, 307.488



15, 69.700, 311.180



37, 121.704, 310.520

Inverse Universe

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



38, 9.801, 342.100



47, 14.511, 342.436



41, 13.044, 141.710



20, 3.094, 341.383



24, 47.958, 355.178



53, 82.437, 357.515

Previews

White Background



This preview shows how the CIELCh color 37, 11.646, 307.917 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, 11.646, 307.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

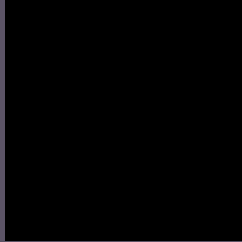
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 11.646, 307.917

Background



This preview shows how black text looks on a background with the CIELCh color 37, 11.646, 307.917.



This preview shows how white text looks on a background with the CIELCh color 37, 11.646, 307.917.

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, 11.646, 307.917

Protanopia

37, 10.530, 287.605

Deuteranopia

37, 10.673, 300.437



Tritanopia
37, 4.091, 314.894

Trichromacy



Original Color
37, 11.646, 307.917

Protanomaly
37, 11.192, 296.002

Deuteranomaly
37, 10.742, 302.556

Tritanomaly
37, 7.275, 311.091

Monochromacy



Original Color
37, 11.646, 307.917

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 4.524, 306.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 11.646, 307.917 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(92, 84, 102)` looks like.

```
.text, #text, p{  
    color:rgb(92, 84, 102)  
}
```

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(92, 84, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 84, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 11.646, 307.917 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(92, 84, 102) }
```

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

```
.border{ border-color:rgb(92, 84, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 84, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 84, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 84, 102);  
box-shadow:4px 4px 4px 4px rgb(92, 84,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 11.646, 307.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 84, 102) }
```

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

```
.background{ background-color: rgb(92, 84,  
102) }
```

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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