

Converting Colors

CIELCh(37, 11.255, 346.303)

Have a look what the booklet for
CIELCh(37, 11.255, 346.303)
contains.

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Color

CIELCh(37, 11.566, 345.398)

Conversions

Conversions Part 1

Format	Color
Hex	67515C
RGB	103, 81, 92
RGB Percent	40%, 32%, 36%
CMY	0.5961, 0.6824, 0.6393
CMYK	0.00, 0.21, 0.11, 0.60
HSL	330°, 12%, 36%
HSV	330°, 21%, 40%
XYZ	10.4643, 9.5379, 11.4114
YIQ	88.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

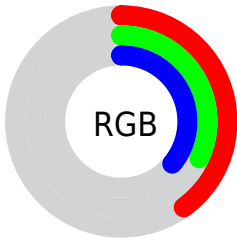
Format	Color
RYB	103, 81, 92
Decimal	6771036
CIELab	37.00, 11.19, -2.92
CIElCh	37, 11.566, 345.398
Yxy	9.5379, 0.3331, 0.3036
Android (android.graphics.Color)	4284961116 (0xFF67515C)
YUV	88.8320, 1.5618, 12.4253
Hunter-Lab	30.8835, 6.4352, -0.2890

Details

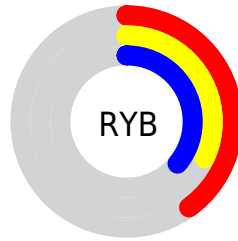
The CIELCh color $[37, 11.566, 345.398]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[42, 11.278, 161.906]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 11.683, 344.932]$, and $[17, 11.725, 346.492]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 17.079, 346.380]$, and if you desaturate by 10%, it is $[40, 6.090, 344.508]$.

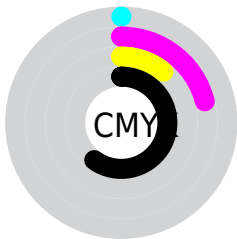
Distribution



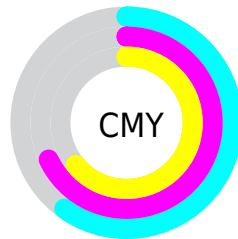
- Red (40%)
- Green (32%)
- Blue (36%)



- Red (40%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (60%)





- Cyan (60%)
- Magenta (68%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 11.566, 345.398 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, 11.566, 345.398 by changing the saturation by 10% instead.


 37, 11.566,
345.398


 37, 11.566,
345.398

 100, 11.566,
345.398


 27, 11.566,
345.398

 57, 11.566,
345.398


 17, 11.566,
345.398


 67, 11.566,
345.398

 7, 11.566, 345.398

 77, 11.566,
345.398

 0, 11.566, 345.398

 87, 11.566,
345.398

 97, 11.566,
345.398

37, 11.566,
345.398

37, 11.566,
345.398

34, 17.079,
346.380

40, 6.090, 344.508

31, 22.528,
347.485

43, 0.723, 343.411

46, 4.500, 163.088

29, 27.761,
348.756

50, 9.560, 162.391

26, 32.572,
350.251

53, 14.451,
161.764

24, 36.719,
352.052

56, 19.174,
161.186

23, 39.958,
354.265

59, 23.738,
160.649

21, 42.124,
357.018

62, 28.150,
160.149

21, 43.770,

66, 32.422,

359.505

159.680

Harmonies

Complementary

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



37, 11.566, 345.398



42, 11.278, 161.906

Rectangle

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



37, 11.566, 345.398



37, 11.566, 35.398



37, 11.566, 165.398



37, 11.566, 215.398

Sweetspot

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



37, 11.565, 345.400



54, 3.998, 344.053



36, 14.420, 310.004



28, 2.674, 344.092



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, 11.565, 345.400



46, 17.665, 345.917



37, 9.810, 20.835



20, 2.978, 344.296



23, 47.192, 0.056



52, 81.418, 2.814

Inverse Universe

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



37, 11.565, 345.400



46, 17.665, 345.917



42, 8.600, 198.394



20, 2.978, 344.296



23, 47.192, 0.056



52, 81.418, 2.814

Previews

White Background



This preview shows how the CIELCh color 37, 11.566, 345.398 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, 11.566, 345.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

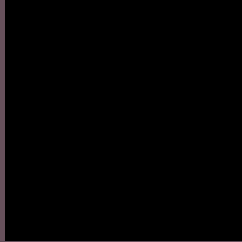
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 11.566, 345.398

Background



This preview shows how black text looks on a background with the CIELCh color 37, 11.566, 345.398.



This preview shows how white text looks on a background with the CIELCh color 37, 11.566, 345.398.

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, 11.566, 345.398

Protanopia

37, 4.954, 286.249

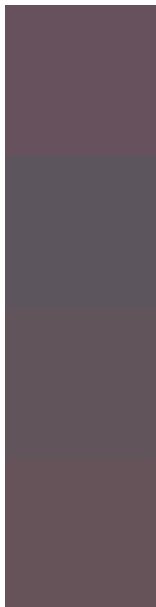
Deuteranopia

37, 5.337, 336.253



Tritanopia
37, 9.408, 357.791

Trichromacy



Original Color
37, 11.566, 345.398

Protanomaly
37, 6.315, 318.509

Deuteranomaly
37, 7.033, 342.621

Tritanomaly
37, 9.637, 354.383

Monochromacy



Original Color
37, 11.566, 345.398

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 4.218, 344.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 11.566, 345.398 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(103, 81, 92)` looks like.

```
.text, #text, p{  
    color:rgb(103, 81, 92)  
}
```

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(103, 81, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 81, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 11.566, 345.398 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(103, 81, 92) }
```

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

```
.border{ border-color:rgb(103, 81, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 81, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 81, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 81, 92);  
box-shadow:4px 4px 4px 4px rgb(103, 81,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 11.566, 345.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 81, 92) }
```

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

```
.background{ background-color: rgb(103, 81,  
92) }
```

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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