

Converting Colors

CIELCh(37, 22.599, 325.897)

Have a look what the booklet for
CIELCh(37, 22.599, 325.897)
contains.

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Color

CIELCh(37, 22.760, 325.909)

Conversions

Conversions Part 1

Format	Color
Hex	6C4D6C
RGB	108, 77, 108
RGB Percent	42%, 30%, 42%
CMY	0.5772, 0.6987, 0.5772
CMYK	0.00, 0.29, 0.00, 0.58
HSL	300°, 17%, 36%
HSV	300°, 29%, 42%
XYZ	11.4996, 9.5379, 15.3702
YIQ	89.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

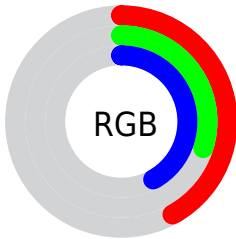
Format	Color
R_{YB}	108, 77, 108
Decimal	7097708
CIE _{Lab}	37.00, 18.85, -12.76
CIE _{LCh}	37, 22.760, 325.909
Yxy	9.5379, 0.3159, 0.2620
Android (android.graphics.Color)	4285287788 (0xFF6C4D6C)
YUV	89.8030, 8.9711, 15.9588
Hunter-Lab	30.8835, 12.4193, -7.8891

Details

The CIELCh color $[37, 22.760, 325.909]$ is a dark color, and the websafe version is hex `663366`. A complement of this color would be $[42, 22.755, 142.592]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 22.808, 326.381]$, and $[17, 23.027, 325.617]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 30.500, 326.400]$, and if you desaturate by 10%, it is $[40, 14.841, 325.397]$.

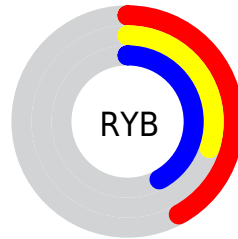
Distribution



Red (42%)

Green (30%)

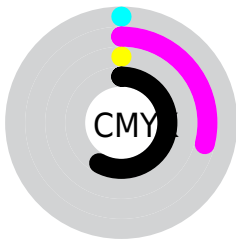
Blue (42%)



Red (42%)

Yellow (30%)

Blue (42%)

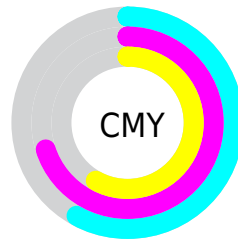


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (58%)



Cyan (58%)


Magenta (70%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 22.760, 325.909 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, 22.760, 325.909 by changing the saturation by 10% instead.

 37, 22.760,
325.909


 37, 22.760,
325.909

 100, 22.760,
325.909

 27, 22.760,
325.909

 57, 22.760,
325.909


 17, 22.760,
325.909


 67, 22.760,
325.909

 7, 22.760, 325.909

 77, 22.760,
325.909

 0, 22.760, 325.909

 87, 22.760,
325.909

 97, 22.760,
325.909

37, 22.760,
325.909

37, 22.760,
325.909

34, 30.500,
326.400

40, 14.841,
325.397

32, 37.867,
326.857

43, 6.894, 324.867

46, 0.977, 144.545

30, 44.616,
327.265

49, 8.703, 143.891

28, 50.476,
327.611

52, 16.243,
143.393

26, 55.185,
327.884

56, 23.572,
142.921

25, 58.555,
328.075


59, 30.682,
142.473

25, 61.011,
328.213

62, 37.571,
142.050

24, 61.324,

328.230

 65, 44.243,
141.652

Harmonies

Complementary

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



37, 22.760, 325.909



42, 22.755, 142.592

Rectangle

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



37, 22.760, 325.909



37, 22.760, 15.909



37, 22.760, 145.909



37, 22.760, 195.909

Sweetspot

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



37, 22.759, 325.909



55, 8.808, 324.895



34, 19.134, 292.800



28, 6.172, 324.956



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



37, 22.759, 325.909



46, 33.312, 326.216



36, 16.408, 345.193



21, 4.407, 324.879



27, 65.115, 328.230



58, 112.049, 328.230

Inverse Universe

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



36, 14.087, 21.565



44, 21.129, 22.280



43, 15.909, 160.318



21, 2.547, 19.846



23, 56.951, 37.575



51, 101.389, 39.998

Previews

White Background



This preview shows how the CIELCh color 37, 22.760, 325.909 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, 22.760, 325.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

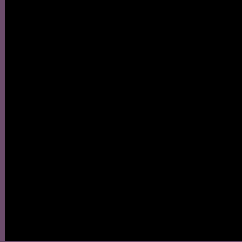
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 22.760, 325.909

Background



This preview shows how black text looks on a background with the CIELCh color 37, 22.760, 325.909.



This preview shows how white text looks on a background with the CIELCh color 37, 22.760, 325.909.

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, 22.760, 325.909

Protanopia

37, 17.990, 286.036

Deuteranopia

37, 13.018, 293.959



Tritanopia
37, 11.076, 1.739

Trichromacy



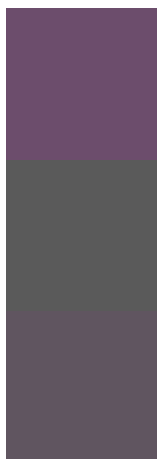
Original Color
37, 22.760, 325.909

Protanomaly
37, 18.217, 301.384

Deuteranomaly
37, 16.264, 309.429

Tritanomaly
37, 15.040, 340.907

Monochromacy



Original Color
37, 22.760, 325.909

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 8.222, 325.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 22.760, 325.909 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(108, 77, 108)` looks like.

```
.text, #text, p{  
    color:rgb(108, 77, 108)  
}
```

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(108, 77, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 77, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 22.760, 325.909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

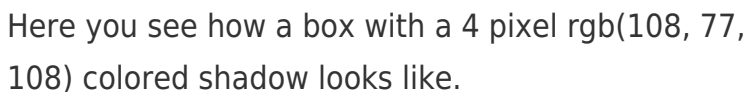
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 77, 108) }
```

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

```
.border{ border-color:rgb(108, 77, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 77, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 77, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 77, 108);  
box-shadow:4px 4px 4px 4px rgb(108, 77,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 22.760, 325.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 77, 108) }
```

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

```
.background{ background-color: rgb(108, 77,  
108) }
```

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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