

Converting Colors

CIELCh(37, 23.214, 321.794)

Have a look what the booklet for
CIELCh(37, 23.214, 321.794)
contains.

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Color

CIELCh(37, 23.387, 322.450)

Conversions

Conversions Part 1

Format	Color
Hex	6A4D6E
RGB	106, 77, 110
RGB Percent	42%, 30%, 43%
CMY	0.5836, 0.6973, 0.5679
CMYK	0.04, 0.30, 0.00, 0.57
HSL	293°, 18%, 37%
HSV	293°, 30%, 43%
XYZ	11.4569, 9.5379, 16.0422
YIQ	89.4330, 6.6910, 16.4110

Conversions

Conversions Part 2

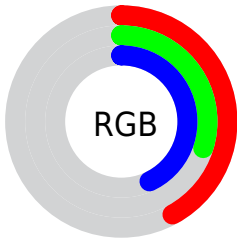
Format	Color
R_{YB}	106, 77, 110
Decimal	6966638
CIE Lab	37.00, 18.54, -14.25
CIE LCh	37, 23.387, 322.450
Yxy	9.5379, 0.3093, 0.2575
Android (android.graphics.Color)	4285156718 (0xFF6A4D6E)
YUV	89.4330, 10.1395, 14.5293
Hunter-Lab	30.8835, 12.1721, -9.1793

Details

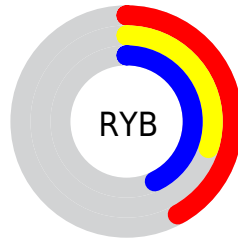
The CIELCh color $37, 23.387, 322.450$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $43, 23.218, 139.478$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $57, 23.824, 322.439$, and $17, 23.253, 322.684$ is the 20% darker color. If you saturate the color by 10%, you get $34, 31.110, 322.874$, and if you desaturate by 10%, it is $40, 15.542, 322.002$.

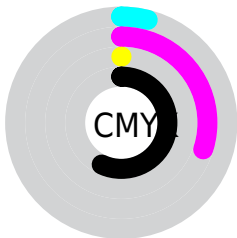
Distribution



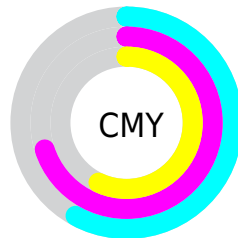
- Red (42%)
- Green (30%)
- Blue (43%)



- Red (42%)
- Yellow (30%)
- Blue (43%)



- Cyan (4%)
- Magenta (30%)
- Yellow (0%)
- Black (57%)





- Cyan (58%)
- Magenta (70%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 23.387, 322.450 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, 23.387, 322.450 by changing the saturation by 10% instead.


 37, 23.387,
322.450


 37, 23.387,
322.450

 100, 23.387,
322.450

 27, 23.387,
322.450

 57, 23.387,
322.450


 17, 23.387,
322.450


 67, 23.387,
322.450

 7, 23.387, 322.450

 77, 23.387,
322.450

 0, 23.387, 322.450

 87, 23.387,
322.450

 97, 23.387,
322.450

■ 37, 23.387,
322.450

■ 37, 23.387,
322.450

■ 34, 31.110,
322.874

■ 40, 15.542,
322.002

■ 31, 38.535,
323.257

■ 43, 7.709, 321.541

■ 47, 0.028, 146.423

■ 29, 45.421,
323.575

■ 50, 7.612, 140.699

■ 27, 51.484,
323.802

■ 53, 15.013,
140.273

■ 25, 56.425,
323.910

■ 57, 22.213,
139.876

■ 24, 59.996,
323.875


■ 60, 29.207,
139.505

■ 23, 62.782,
323.768

■ 63, 35.997,
139.158

■ 23, 62.795,

323.767

 67, 42.586,
138.837

Harmonies

Complementary

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



37, 23.387, 322.450



43, 23.218, 139.478

Rectangle

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



37, 23.387, 322.450



37, 23.387, 12.450



37, 23.387, 142.450



37, 23.387, 192.450

Sweetspot

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



37, 23.386, 322.450



56, 8.615, 321.507



35, 17.858, 287.894



28, 5.949, 321.560



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, 23.386, 322.450



45, 34.720, 322.750



37, 18.784, 339.326



22, 4.417, 321.497



25, 66.681, 323.728



54, 113.962, 323.479

Inverse Universe

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



36, 14.930, 12.372



45, 22.587, 13.350



44, 18.478, 154.739



22, 2.680, 10.089



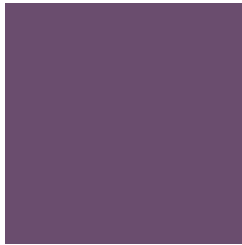
24, 54.755, 32.586



52, 96.602, 35.575

Previews

White Background



This preview shows how the CIELCh color 37, 23.387, 322.450 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, 23.387, 322.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

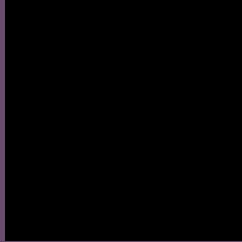
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 23.387, 322.450

Background



This preview shows how black text looks on a background with the CIELCh color 37, 23.387, 322.450.



This preview shows how white text looks on a background with the CIELCh color 37, 23.387, 322.450.

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, 23.387, 322.450

Protanopia

37, 19.240, 285.692

Deuteranopia

37, 14.212, 290.894



Tritanopia
37, 9.815, 358.884

Trichromacy



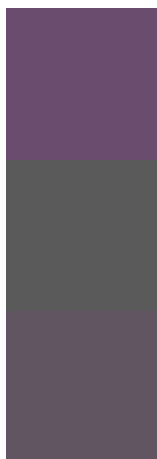
Original Color
37, 23.387, 322.450

Protanomaly
37, 19.996, 299.705

Deuteranomaly
37, 16.624, 306.196

Tritanomaly
37, 14.096, 337.243

Monochromacy



Original Color
37, 23.387, 322.450

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 8.733, 322.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 23.387, 322.450 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(106, 77, 110)` looks like.

```
.text, #text, p{  
    color:rgb(106, 77, 110)  
}
```

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(106, 77, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 77, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 23.387, 322.450 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(106, 77, 110) }
```

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

```
.border{ border-color:rgb(106, 77, 110) }
```

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

Here you see how a box with a 4 pixel rgb(106, 77, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 77, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 77, 110);  
box-shadow:4px 4px 4px 4px rgb(106, 77,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 23.387, 322.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 77, 110) }
```

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

```
.background{ background-color: rgb(106, 77,  
110) }
```

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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