

Converting Colors

CIELCh(37, 71.258, 30.870)

Have a look what the booklet for
CIELCh(37, 71.258, 30.870) contains.

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Color

CIELCh(37, 71.205, 30.905)

Conversions

Conversions Part 1

Format	Color
Hex	B10320
RGB	177, 3, 32
RGB Percent	69%, 1%, 13%
CMY	0.3054, 0.9870, 0.8742
CMYK	0.00, 0.98, 0.82, 0.31
HSL	350°, 96%, 35%
HSV	350°, 98%, 69%
XYZ	18.4574, 9.5379, 2.2407
YIQ	58.3320, 94.3950, 45.9070

Conversions

Conversions Part 2

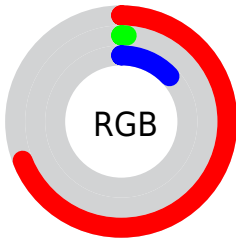
Format	Color
RYB	177, 3, 32
Decimal	11600672
CIELab	37.00, 61.10, 36.57
CIElCh	37, 71.205, 30.905
Yxy	9.5379, 0.6104, 0.3154
Android (android.graphics.Color)	4289790752 (0xFFB10320)
YUV	58.3320, -12.9817, 104.0718
Hunter-Lab	30.8835, 52.6335, 17.3168

Details

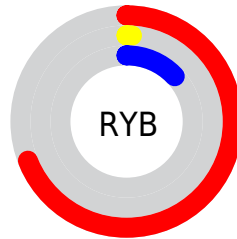
The CIELCh color **37, 71.205, 30.905** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **65, 44.959, 174.838**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **57, 71.020, 30.789**, and **22, 56.000, 37.374** is the 20% darker color. If you saturate the color by 10%, you get **37, 72.214, 31.751**, and if you desaturate by 10%, it is **38, 65.800, 25.955**.

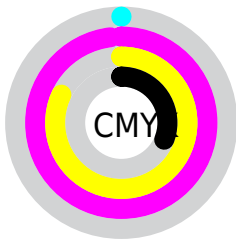
Distribution



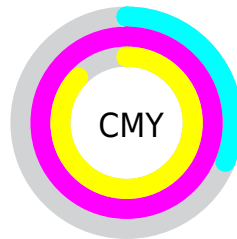
- Red (69%)
- Green (1%)
- Blue (13%)



- Red (69%)
- Yellow (1%)
- Blue (13%)



- Cyan (0%)
- Magenta (98%)
- Yellow (82%)
- Black (31%)



- Cyan (31%)
- Magenta (99%)
- Yellow (87%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 71.205, 30.905 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, 71.205, 30.905 by changing the saturation by 10% instead.

 37, 71.205, 30.905

 37, 71.205, 30.905

 100, 71.205,
30.905

 27, 71.205, 30.905

 57, 71.205, 30.905

 17, 71.205, 30.905

 67, 71.205, 30.905

 7, 71.205, 30.905

 77, 71.205, 30.905

 0, 71.205, 30.905

 87, 71.205, 30.905

 97, 71.205, 30.905

 37, 71.205, 30.905

 37, 71.205, 30.905

 37, 72.214, 31.751

 38, 65.800, 25.955

■ 40, 59.622, 21.428

■ 42, 52.611, 17.674

■ 46, 44.941, 14.674

■ 50, 36.892, 12.301

■ 54, 28.751, 10.415

■ 58, 20.748, 8.894

■ 63, 13.030, 7.640

■ 68, 5.681, 6.560

Harmonies

Complementary

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



37, 71.205, 30.905



65, 44.959, 174.838

Rectangle

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



37, 71.205, 30.905



37, 71.205, 80.905



37, 71.205, 210.905



37, 71.205, 260.905

Sweetspot

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



37, 71.202, 30.907



74, 26.496, 9.084



37, 88.696, 321.974



36, 18.335, 9.697



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



37, 71.202, 30.907



48, 88.481, 32.698



42, 69.326, 49.360



35, 3.999, 6.686



31, 64.417, 31.090



2, 9.335, 8.902

Inverse Universe

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



37, 71.202, 30.907



48, 88.481, 32.698



48, 38.849, 261.009



35, 3.999, 6.686



31, 64.417, 31.090



2, 9.335, 8.902

Previews

White Background



This preview shows how the CIELCh color 37, 71.205, 30.905 looks on a white background.

Color Contrast Check

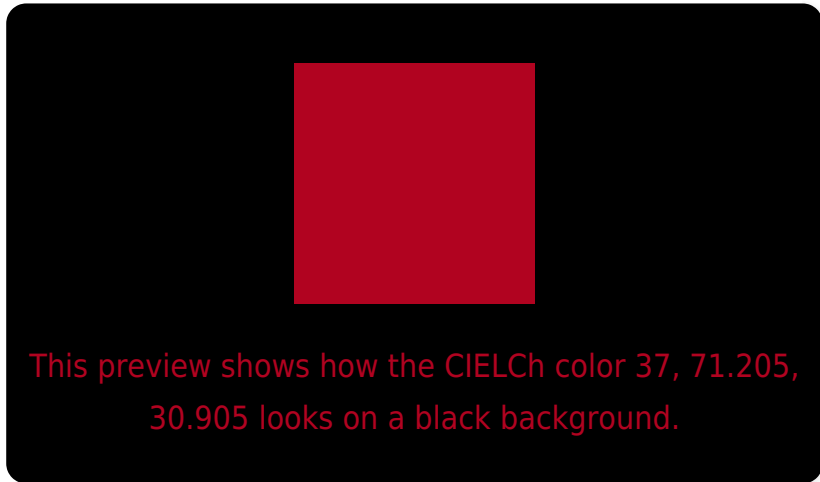
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 71.205, 30.905

Background



This preview shows how black text looks on a background with the CIELCh color 37, 71.205, 30.905.



This preview shows how white text looks on a background with the CIELCh color 37, 71.205, 30.905.

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, 71.205, 30.905

Protanopia

38, 24.370, 97.090

Deuteranopia

38, 41.430, 83.340

Trichromacy



Original Color
37, 71.205, 30.905

Protanomaly
33, 36.925, 39.220

Deuteranomaly
34, 48.963, 47.928

Monochromacy



Original Color
37, 71.205, 30.905

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 30.422, 15.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 71.205, 30.905 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(177, 3, 32)` looks like.

```
.text, #text, p{  
    color:rgb(177, 3, 32)  
}
```

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(177, 3, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 3, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 71.205, 30.905 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(177, 3, 32) }
```

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

```
.border{ border-color:rgb(177, 3, 32) }
```

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

Here you see how a box with a 4 pixel rgb(177, 3, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 3, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 3, 32);  
box-shadow:4px 4px 4px 4px rgb(177, 3, 32)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 71.205, 30.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 3, 32) }
```

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

```
.background{ background-color: rgb(177, 3,  
32) }
```

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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