

Converting Colors

CIELCh(38, 75.000, 33.863)

Have a look what the booklet for
CIELCh(38, 75.000, 33.863) contains.

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Color

CIELCh(38, 74.923, 33.891)

Conversions

Conversions Part 1

Format	Color
Hex	B60319
RGB	182, 3, 25
RGB Percent	71%, 1%, 10%
CMY	0.2861, 0.9877, 0.9018
CMYK	0.00, 0.98, 0.86, 0.29
HSL	353°, 97%, 36%
HSV	353°, 98%, 71%
XYZ	19.5112, 10.0881, 1.8402
YIQ	59.0290, 99.6220, 44.7900

Conversions

Conversions Part 2

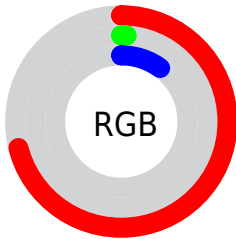
Format	Color
RYB	182, 3, 25
Decimal	11928345
CIELab	38.00, 62.19, 41.78
CIElCh	38, 74.923, 33.891
Yxy	10.0881, 0.6206, 0.3209
Android (android.graphics.Color)	4290118425 (0xFFB60319)
YUV	59.0290, -16.7763, 107.8456
Hunter-Lab	31.7617, 54.0694, 18.7981

Details

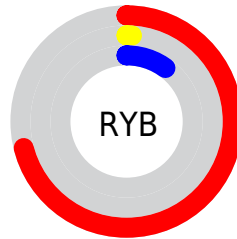
The CIELCh color **38, 74.923, 33.891** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **67, 43.629, 179.721**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **58, 74.928, 33.882**, and **23, 57.652, 37.721** is the 20% darker color. If you saturate the color by 10%, you get **38, 75.892, 34.576**, and if you desaturate by 10%, it is **39, 69.015, 29.266**.

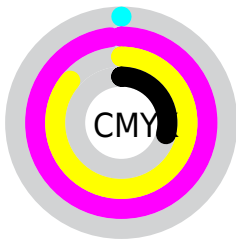
Distribution



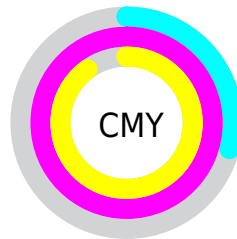
- Red (71%)
- Green (1%)
- Blue (10%)



- Red (71%)
- Yellow (1%)
- Blue (10%)



- Cyan (0%)
- Magenta (98%)
- Yellow (86%)
- Black (29%)



- Cyan (29%)
- Magenta (99%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 74.923, 33.891 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 38, 74.923, 33.891 by changing the saturation by 10% instead.

 38, 74.923, 33.891

 38, 74.923, 33.891

 100, 74.923,
33.891

 28, 74.923, 33.891

 58, 74.923, 33.891

 18, 74.923, 33.891

 68, 74.923, 33.891

 8, 74.923, 33.891

 78, 74.923, 33.891

 0, 74.923, 33.891

 88, 74.923, 33.891

 98, 74.923, 33.891

 38, 74.923, 33.891

 38, 74.923, 33.891

 38, 75.892, 34.576

 39, 69.015, 29.266

■ 41, 62.198, 24.821

■ 43, 54.593, 21.056

■ 47, 46.418, 18.025

■ 51, 37.956, 15.631

■ 55, 29.489, 13.741

■ 60, 21.234, 12.232

■ 65, 13.333, 11.004

■ 70, 5.856, 9.959

Harmonies

Complementary

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



38, 74.923, 33.891



67, 43.629, 179.721

Rectangle

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



38, 74.923, 33.891



38, 74.923, 83.891



38, 74.923, 213.891



38, 74.923, 263.891

Sweetspot

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



38, 74.920, 33.893



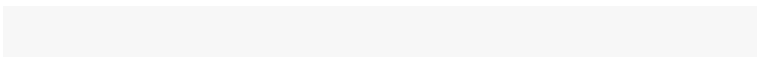
76, 27.087, 12.398



39, 90.231, 323.163



38, 18.949, 13.017



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



38, 74.920, 33.893



50, 93.386, 35.400



44, 69.653, 51.263



36, 4.049, 10.067



32, 67.114, 33.954



2, 10.746, 12.004

Inverse Universe

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



38, 74.920, 33.893



50, 93.386, 35.400



47, 42.220, 266.601



36, 4.049, 10.067



32, 67.114, 33.954



2, 10.746, 12.004

Previews

White Background



This preview shows how the CIELCh color 38, 74.923, 33.891 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 × Fail

Black Background



This preview shows how the CIELCh color 38, 74.923, 33.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 38, 74.923, 33.891

Background



This preview shows how black text looks on a background with the CIELCh color 38, 74.923, 33.891.



This preview shows how white text looks on a background with the CIELCh color 38, 74.923, 33.891.

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

38, 74.923, 33.891

Protanopia

39, 29.981, 95.972

Deuteranopia

39, 47.015, 84.326



Tritanopia
38, 79.541, 41.019

Trichromacy



Original Color
38, 74.923, 33.891

Protanomaly
34, 40.715, 45.118

Deuteranomaly
35, 54.127, 52.341

Tritanomaly
38, 77.879, 38.694

Monochromacy



Original Color
38, 74.923, 33.891

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 31.500, 18.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 74.923, 33.891 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(182, 3, 25)` looks like.

```
.text, #text, p{  
  color:rgb(182, 3, 25)  
}
```

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(182, 3, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 3, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 74.923, 33.891 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(182, 3, 25) }
```

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

```
.border{ border-color:rgb(182, 3, 25) }
```

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

Here you see how a box with a 4 pixel rgb(182, 3, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 3, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 3, 25);  
box-shadow:4px 4px 4px 4px rgb(182, 3, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 74.923, 33.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 3, 25) }
```

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

```
.background{ background-color: rgb(182, 3,  
25) }
```

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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