

Converting Colors

CIELCh(73, 38.060, 41.632)

Have a look what the booklet for
CIELCh(73, 38.060, 41.632) contains.

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Color

CIELCh(73, 38.043, 40.969)

Conversions

Conversions Part 1

Format	Color
Hex	F29E87
RGB	242, 158, 135
RGB Percent	95%, 62%, 53%
CMY	0.0503, 0.3798, 0.4700
CMYK	0.00, 0.35, 0.44, 0.05
HSL	13°, 81%, 74%
HSV	13°, 44%, 95%
XYZ	53.3105, 45.1644, 28.8824
YIQ	180.4940, 57.4470, 10.6550

Conversions

Conversions Part 2

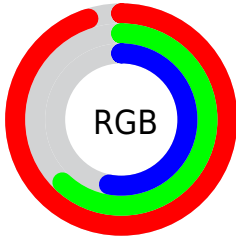
Format	Color
R_{YB}	242, 164, 135
Decimal	15900295
CIE _{Lab}	73.00, 28.72, 24.94
CIE _{LCh}	73, 38.043, 40.969
Yxy	45.1644, 0.4186, 0.3546
Android (android.graphics.Color)	4294090375 (0xFFFF29E87)
YUV	180.4940, -22.4285, 53.9408
Hunter-Lab	67.2044, 23.9888, 21.5621

Details

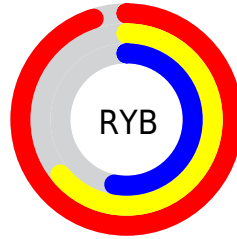
The CIELCh color **73, 38.043, 40.969** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83, 27.484, 224.395**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 21.000, 58.178**, and **53, 37.990, 41.240** is the 20% darker color. If you saturate the color by 10%, you get **68, 48.547, 41.380**, and if you desaturate by 10%, it is **78, 28.236, 40.773**.

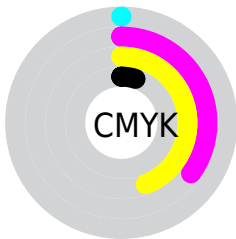
Distribution



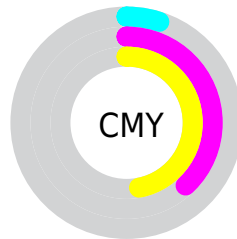
- Red (95%)
- Green (62%)
- Blue (53%)



- Red (95%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 38.043, 40.969 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 73, 38.043, 40.969 by changing the saturation by 10% instead.

73, 38.043, 40.969

73, 38.043, 40.969

100, 38.043,
40.969

63, 38.043, 40.969

93, 38.043, 40.969

53, 38.043, 40.969

43, 38.043, 40.969

33, 38.043, 40.969

23, 38.043, 40.969

13, 38.043, 40.969

3, 38.043, 40.969

0, 38.043, 40.969

73, 38.043, 40.969

73, 38.043, 40.969

68, 48.547, 41.380

78, 28.236, 40.773

64, 59.640, 42.005

83, 19.157, 40.741

60, 71.033, 42.800

88, 10.780, 40.834

57, 82.061, 43.560

93, 3.056, 40.913

55, 91.276, 43.746

99, 3.901, 212.918

53, 95.364, 43.553

99, 4.426, 199.274

Harmonies

Complementary

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



73, 38.043, 40.969



83, 27.484, 224.395

Rectangle

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



73, 38.043, 40.969



73, 38.043, 90.969



73, 38.043, 220.969



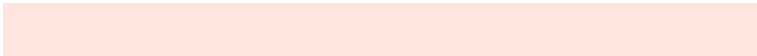
73, 38.043, 270.969

Sweetspot

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



73, 38.041, 40.974



93, 10.247, 40.850



71, 58.254, 333.468



48, 7.236, 40.820



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 38.041, 40.974



72, 49.308, 41.327



85, 41.202, 87.949



47, 4.198, 40.898



41, 77.025, 43.995



10, 25.990, 35.998

Inverse Universe

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



83, 27.484, 224.395



85, 32.850, 225.710



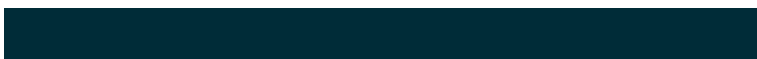
69, 41.732, 281.330



49, 3.959, 221.666



56, 34.633, 238.805



16, 14.898, 232.301

Previews

White Background



This preview shows how the CIELCh color 73, 38.043, 40.969 looks on a white 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

Black Background



This preview shows how the CIELCh color 73, 38.043, 40.969 looks on a black 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

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

CIELCh 73, 38.043, 40.969

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.043, 40.969.



This preview shows how white text looks on a background with the CIELCh color 73, 38.043, 40.969.

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

73, 38.043, 40.969

Protanopia

73, 18.969, 93.578

Deuteranopia

73, 27.194, 70.125



Tritanopia
73, 36.387, 13.782

Trichromacy



Original Color
73, 38.043, 40.969

Protanomaly
73, 23.086, 64.407

Deuteranomaly
73, 29.984, 56.821

Tritanomaly
73, 35.812, 24.434

Monochromacy



Original Color
73, 38.043, 40.969

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 12.798, 42.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.043, 40.969 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(242, 158, 135)` looks like.

```
.text, #text, p{  
    color:rgb(242, 158, 135)  
}
```

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(242, 158, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 158, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.043, 40.969 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(242, 158, 135) }
```

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

```
.border{ border-color:rgb(242, 158, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 158, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 158, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 158, 135);  
box-shadow:4px 4px 4px 4px rgb(242, 158,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.043, 40.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 158, 135) }
```

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

```
.background{ background-color: rgb(242,  
158, 135) }
```

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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