

Converting Colors

CIELCh(73, 40.588, 23.337)

Have a look what the booklet for
CIELCh(73, 40.588, 23.337) contains.

CIELCh(73, 40.324, 23.282)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(73, 40.324, 23.282)

Conversions

Conversions Part 1

Format	Color
Hex	FB9898
RGB	251, 152, 152
RGB Percent	98%, 60%, 60%
CMY	0.0162, 0.4044, 0.4044
CMYK	0.00, 0.39, 0.39, 0.02
HSL	0°, 92%, 79%
HSV	0°, 39%, 98%
XYZ	56.6012, 45.1644, 35.3893
YIQ	181.6010, 59.0040, 20.9880

Conversions

Conversions Part 2

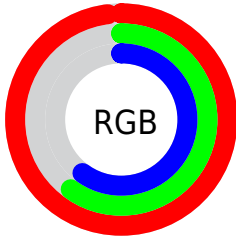
Format	Color
R _Y B	251, 152, 152
Decimal	16488600
CIE Lab	73.00, 37.04, 15.94
CIE LCh	73, 40.324, 23.282
Yxy	45.1644, 0.4127, 0.3293
Android (android.graphics.Color)	4294678680 (0xFFFB9898)
YUV	181.6010, -14.5933, 60.8629
Hunter-Lab	67.2044, 32.7292, 15.8215

Details

The CIELCh color **73, 40.324, 23.282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 30.409, 197.525**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.096, 22.372**, and **53, 40.615, 23.209** is the 20% darker color. If you saturate the color by 10%, you get **67, 52.143, 25.127**, and if you desaturate by 10%, it is **79, 29.042, 21.880**.

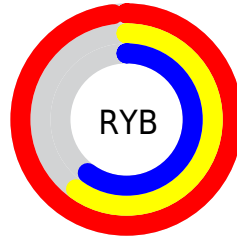
Distribution



Red (98%)

Green (60%)

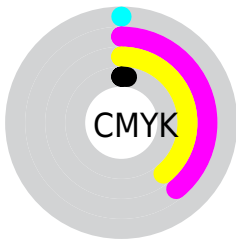
Blue (60%)



Red (98%)

Yellow (60%)

Blue (60%)

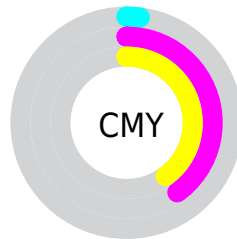


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (2%)



Cyan (2%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 40.324, 23.282 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, 40.324, 23.282 by changing the saturation by 10% instead.

73, 40.324, 23.282

73, 40.324, 23.282

100, 40.324,
23.282

63, 40.324, 23.282

93, 40.324, 23.282

53, 40.324, 23.282

43, 40.324, 23.282

33, 40.324, 23.282

23, 40.324, 23.282

13, 40.324, 23.282

3, 40.324, 23.282

0, 40.324, 23.282

73, 40.324, 23.282

73, 40.324, 23.282

67, 52.143, 25.127

79, 29.042, 21.880

62, 64.237, 27.516

86, 18.457, 20.800

58, 76.210, 30.524

92, 8.621, 19.941

55, 87.498, 34.048

99, 0.475, 200.761

53, 97.031, 37.529

100, 1.436,
199.776

52, 103.000,
39.885

52, 103.287,
40.000

Harmonies

Complementary

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



73, 40.324, 23.282



93, 30.409, 197.525

Rectangle

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



73, 40.324, 23.282



73, 40.324, 73.282



73, 40.324, 203.282



73, 40.324, 253.282

Sweetspot

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



73, 40.321, 23.286



92, 11.200, 20.147



76, 61.650, 326.565



48, 7.468, 20.255



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, 40.321, 23.286



70, 49.864, 24.636



84, 33.292, 70.449



49, 5.167, 19.944



39, 83.391, 40.000



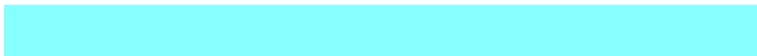
9, 32.195, 26.141

Inverse Universe

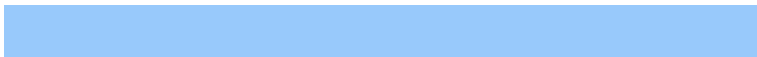
The Inverse Universe completely reimagines the original color for something new.



93, 30.409, 197.525



93, 35.329, 197.253



79, 29.714, 262.279



51, 4.864, 198.967



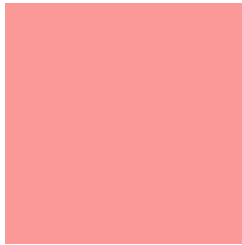
69, 39.961, 196.391



23, 18.080, 196.391

Previews

White Background



This preview shows how the CIELCh color 73, 40.324, 23.282 looks on a white background.

Color Contrast Check

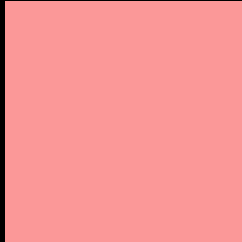
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 40.324, 23.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

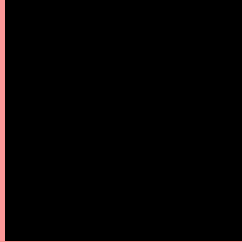
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 40.324, 23.282

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.324, 23.282.

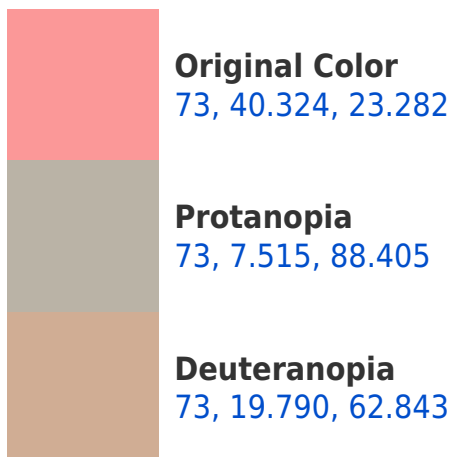


This preview shows how white text looks on a background with the CIELCh color 73, 40.324, 23.282.

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





Tritanopia
73, 40.894, 14.626

Trichromacy



Original Color
73, 40.324, 23.282

Protanomaly
73, 16.916, 35.424

Deuteranomaly
73, 25.885, 40.597

Tritanomaly
73, 40.630, 18.222

Monochromacy



Original Color
73, 40.324, 23.282

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 14.008, 20.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.324, 23.282 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(251, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(251, 152, 152)  
}
```

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(251, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 152, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.324, 23.282 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(251, 152, 152) }
```

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

```
.border{ border-color:rgb(251, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(251, 152,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.324, 23.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 152, 152) }
```

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

```
.background{ background-color: rgb(251,  
152, 152) }
```

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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