

Converting Colors

CIELCh(73, 43.089, 23.606)

Have a look what the booklet for
CIELCh(73, 43.089, 23.606) contains.

CIELCh(73, 42.893, 23.572)	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, 42.893, 23.572)

Conversions

Conversions Part 1

Format	Color
Hex	FF9696
RGB	255, 150, 150
RGB Percent	100%, 59%, 59%
CMY	0.0009, 0.4125, 0.4125
CMYK	0.00, 0.41, 0.41, 0.00
HSL	360°, 100%, 79%
HSV	360°, 41%, 100%
XYZ	57.5239, 45.1644, 34.4598
YIQ	181.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

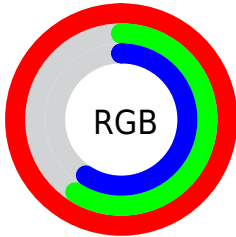
Format	Color
R_{YB}	255, 150, 150
Decimal	16750230
CIE _{Lab}	73.00, 39.31, 17.15
CIE _{LCh}	73, 42.893, 23.572
Yxy	45.1644, 0.4194, 0.3293
Android (android.graphics.Color)	4294940310 (0xFFFF9696)
YUV	181.3950, -15.4777, 64.5516
Hunter-Lab	67.2044, 35.1799, 16.6415

Details

The CIELCh color **73, 42.893, 23.572** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 31.882, 197.455**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.908, 22.377**, and **53, 42.901, 23.675** is the 20% darker color. If you saturate the color by 10%, you get **67, 54.934, 25.508**, and if you desaturate by 10%, it is **79, 31.357, 22.100**.

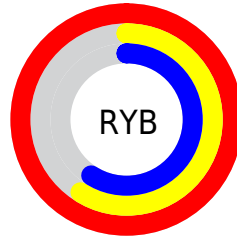
Distribution



Red (100%)

Green (59%)

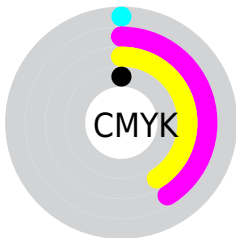
Blue (59%)



Red (100%)

Yellow (59%)

Blue (59%)

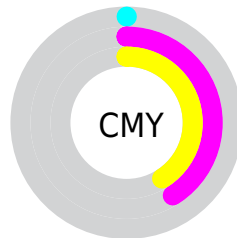


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 42.893, 23.572 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, 42.893, 23.572 by changing the saturation by 10% instead.

 73, 42.893, 23.572

 73, 42.893, 23.572

 100, 42.893,
23.572

 63, 42.893, 23.572

 93, 42.893, 23.572

 53, 42.893, 23.572

 43, 42.893, 23.572

 33, 42.893, 23.572

 23, 42.893, 23.572

 13, 42.893, 23.572

 3, 42.893, 23.572

 0, 42.893, 23.572

 73, 42.893, 23.572

 73, 42.893, 23.572

67, 54.934, 25.508

79, 31.357, 22.100

63, 67.192, 28.008

86, 20.507, 20.969

59, 79.240, 31.128

92, 10.413, 20.080

56, 90.457, 34.708

99, 1.073, 18.863

54, 99.581, 38.067

100, 0.076,
208.126

53, 104.507,
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, 42.893, 23.572



94, 31.882, 197.455

Rectangle

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



73, 42.893, 23.572



73, 42.893, 73.572



73, 42.893, 203.572



73, 42.893, 253.572

Sweetspot

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



73, 42.890, 23.576



92, 11.200, 20.145



76, 64.791, 326.163



48, 7.468, 20.253



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, 42.890, 23.576



69, 52.291, 25.038



84, 35.151, 68.520



49, 5.254, 19.943



40, 84.230, 40.000



10, 33.367, 27.176

Inverse Universe

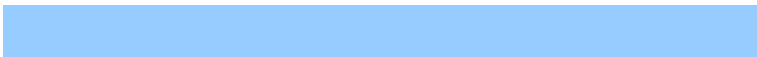
The Inverse Universe completely reimagines the original color for something new.



73, 42.890, 23.576



69, 52.291, 25.038



80, 30.794, 260.819



49, 5.254, 19.943



40, 84.230, 40.000



10, 33.367, 27.176

Previews

White Background



This preview shows how the CIELCh color 73, 42.893, 23.572 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, 42.893, 23.572 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, 42.893, 23.572

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.893, 23.572.



This preview shows how white text looks on a background with the CIELCh color 73, 42.893, 23.572.

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, 42.893, 23.572

Protanopia

73, 8.024, 89.706

Deuteranopia

73, 20.897, 64.020



Tritanopia
73, 42.586, 16.604

Trichromacy



Original Color
73, 42.893, 23.572

Protanomaly
72, 17.916, 36.432

Deuteranomaly
73, 27.176, 42.060

Tritanomaly
73, 42.741, 18.741

Monochromacy



Original Color
73, 42.893, 23.572

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 14.806, 20.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.893, 23.572 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(255, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 150)  
}
```

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(255, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.893, 23.572 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(255, 150, 150) }
```

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

```
.border{ border-color:rgb(255, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.893, 23.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 150) }
```

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

```
.background{ background-color: rgb(255,  
150, 150) }
```

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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