

Converting Colors

CIELCh(73, 42.014, 23.829)

Have a look what the booklet for
CIELCh(73, 42.014, 23.829) contains.

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Color

CIELCh(73, 41.720, 24.142)

Conversions

Conversions Part 1

Format	Color
Hex	FD9796
RGB	253, 151, 150
RGB Percent	99%, 59%, 59%
CMY	0.0083, 0.4082, 0.4121
CMYK	0.00, 0.40, 0.41, 0.01
HSL	1°, 96%, 79%
HSV	1°, 41%, 99%
XYZ	57.0182, 45.1644, 34.5277
YIQ	181.3840, 61.1130, 21.3130

Conversions

Conversions Part 2

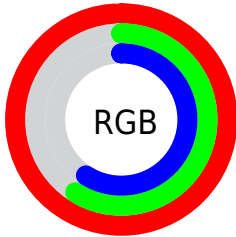
Format	Color
R _Y B	253, 151, 150
Decimal	16619414
CIE Lab	73.00, 38.07, 17.06
CIE LCh	73, 41.720, 24.142
Yxy	45.1644, 0.4171, 0.3304
Android (android.graphics.Color)	4294809494 (0xFFFD9796)
YUV	181.3840, -15.4723, 62.8072
Hunter-Lab	67.2044, 33.8367, 16.5816

Details

The CIELCh color **73, 41.720, 24.142** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 31.072, 198.456**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.561, 23.961**, and **53, 41.680, 24.164** is the 20% darker color. If you saturate the color by 10%, you get **67, 53.615, 25.986**, and if you desaturate by 10%, it is **79, 30.361, 22.742**.

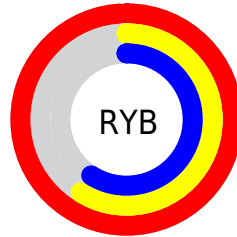
Distribution



Red (99%)

Green (59%)

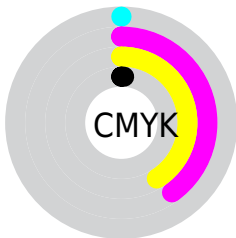
Blue (59%)



Red (99%)

Yellow (59%)

Blue (59%)

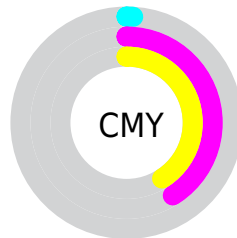


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (1%)



Cyan (1%)

Magenta (41%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 41.720, 24.142 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, 41.720, 24.142 by changing the saturation by 10% instead.

 73, 41.720, 24.142

 73, 41.720, 24.142

 100, 41.720,
24.142

 63, 41.720, 24.142

 93, 41.720, 24.142

 53, 41.720, 24.142

 43, 41.720, 24.142

 33, 41.720, 24.142

 23, 41.720, 24.142

 13, 41.720, 24.142

 3, 41.720, 24.142

 0, 41.720, 24.142

 73, 41.720, 24.142

 73, 41.720, 24.142

67, 53.615, 25.986

79, 30.361, 22.742

63, 65.781, 28.370

85, 19.701, 21.668

59, 77.814, 31.351

92, 9.794, 20.825

56, 89.108, 34.788

99, 0.635, 19.231

54, 98.453, 38.054

100, 0.732,
200.264

53, 103.802,
40.069

Harmonies

Complementary

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



73, 41.720, 24.142



93, 31.072, 198.456

Rectangle

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



73, 41.720, 24.142



73, 41.720, 74.142



73, 41.720, 204.142



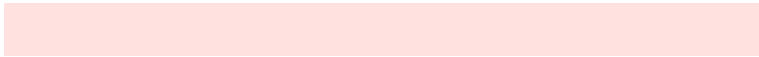
73, 41.720, 254.142

Sweetspot

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



73, 41.717, 24.146



92, 11.092, 20.924



76, 63.936, 326.629



48, 7.396, 21.028



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, 41.717, 24.146



69, 51.888, 25.638



84, 34.690, 70.285



50, 5.203, 20.731



40, 84.095, 40.098



10, 33.164, 27.651

Inverse Universe

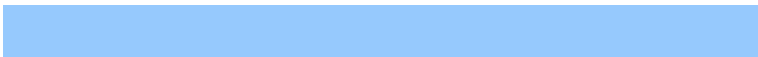
The Inverse Universe completely reimagines the original color for something new.



93, 31.072, 198.456



93, 36.048, 198.214



79, 30.836, 262.590



52, 4.896, 199.814



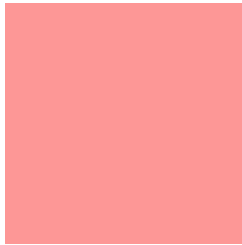
70, 39.806, 197.908



23, 18.343, 197.722

Previews

White Background



This preview shows how the CIELCh color 73, 41.720, 24.142 looks on a white background.

Color Contrast Check

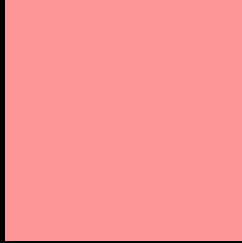
Large Text (above 18pt) WCAG AA × Fail

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, 41.720, 24.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

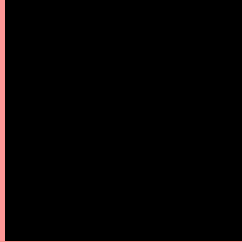
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 41.720, 24.142

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.720, 24.142.



This preview shows how white text looks on a background with the CIELCh color 73, 41.720, 24.142.

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, 41.720, 24.142

Protanopia

73, 8.537, 90.844

Deuteranopia

73, 20.897, 64.020



Tritanopia
73, 42.152, 15.769

Trichromacy



Original Color
73, 41.720, 24.142



Protanomaly
73, 17.307, 38.766



Deuteranomaly
73, 26.781, 42.353



Tritanomaly
73, 41.949, 19.253

Monochromacy



Original Color
73, 41.720, 24.142



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 14.406, 20.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.720, 24.142 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(253, 151, 150)` looks like.

```
.text, #text, p{  
    color:rgb(253, 151, 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(253, 151, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 151, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.720, 24.142 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(253, 151, 150) }
```

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

```
.border{ border-color:rgb(253, 151, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 151, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 151, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 151, 150);  
box-shadow:4px 4px 4px 4px rgb(253, 151,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.720, 24.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 151, 150) }
```

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

```
.background{ background-color: rgb(253,  
151, 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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