

Converting Colors

CIELCh(73, 43.077, 22.148)

Have a look what the booklet for
CIELCh(73, 43.077, 22.148) contains.

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Color

CIELCh(73, 43.146, 22.255)

Conversions

Conversions Part 1

Format	Color
Hex	FF9597
RGB	255, 149, 151
RGB Percent	100%, 58%, 59%
CMY	0.0000, 0.4144, 0.4067
CMYK	0.00, 0.41, 0.41, 0.00
HSL	359°, 100%, 79%
HSV	359°, 41%, 100%
XYZ	57.7764, 45.1644, 35.0796
YIQ	180.9220, 62.5340, 23.0940

Conversions

Conversions Part 2

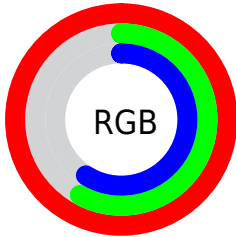
Format	Color
RYB	255, 149, 151
Decimal	16749975
CIELab	73.00, 39.93, 16.34
CIElCh	73, 43.146, 22.255
Yxy	45.1644, 0.4186, 0.3272
Android (android.graphics.Color)	4294940055 (0xFFFF9597)
YUV	180.9220, -14.7515, 64.9664
Hunter-Lab	67.2044, 35.8506, 16.0947

Details

The CIELCh color **73, 43.146, 22.255** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.241, 195.591**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 19.237, 19.315**, and **53, 43.133, 22.335** is the 20% darker color. If you saturate the color by 10%, you get **67, 54.906, 24.228**, and if you desaturate by 10%, it is **79, 31.550, 20.710**.

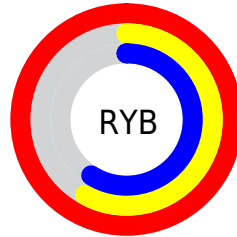
Distribution



Red (100%)

Green (58%)

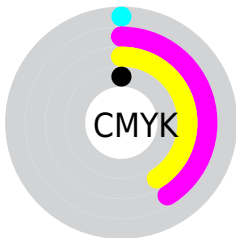
Blue (59%)



Red (100%)

Yellow (58%)

Blue (59%)

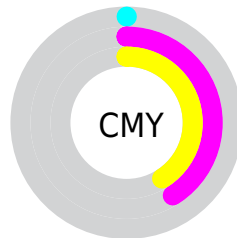


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 43.146, 22.255 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, 43.146, 22.255 by changing the saturation by 10% instead.

 73, 43.146, 22.255

 73, 43.146, 22.255

 100, 43.146,
22.255

 63, 43.146, 22.255

 93, 43.146, 22.255

 53, 43.146, 22.255

 43, 43.146, 22.255

 33, 43.146, 22.255

 23, 43.146, 22.255

 13, 43.146, 22.255

 3, 43.146, 22.255

 0, 43.146, 22.255

 73, 43.146, 22.255

 73, 43.146, 22.255

67, 54.906, 24.228

79, 31.550, 20.710

63, 66.966, 26.793

85, 20.740, 19.528

59, 78.766, 30.002

92, 10.652, 18.588

56, 89.753, 33.730

99, 1.294, 17.427

54, 98.880, 37.380

100, 0.012,
296.813

53, 103.835,
39.483

Harmonies

Complementary

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



73, 43.146, 22.255



94, 32.241, 195.591

Rectangle

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



73, 43.146, 22.255



73, 43.146, 72.255



73, 43.146, 202.255



73, 43.146, 252.255

Sweetspot

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



73, 43.000, 22.239



92, 11.193, 18.636



76, 64.962, 325.682



48, 7.462, 18.750



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, 43.000, 22.239



68, 53.169, 23.908



84, 35.239, 66.770



49, 5.252, 18.423



40, 83.384, 39.263



10, 33.211, 26.428

Inverse Universe

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



73, 43.000, 22.239



68, 53.169, 23.908



81, 30.441, 258.923



49, 5.252, 18.423



40, 83.384, 39.263



10, 33.211, 26.428

Previews

White Background



This preview shows how the CIELCh color 73, 43.146, 22.255 looks on a white background.

Color Contrast Check

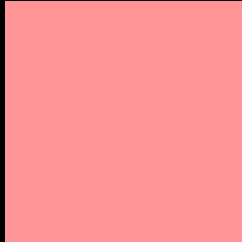
Large Text (above 18pt) WCAG AA × Fail

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, 43.146, 22.255 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, 43.146, 22.255

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.146, 22.255.



This preview shows how white text looks on a background with the CIELCh color 73, 43.146, 22.255.

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, 43.146, 22.255

Protanopia

73, 7.515, 88.405

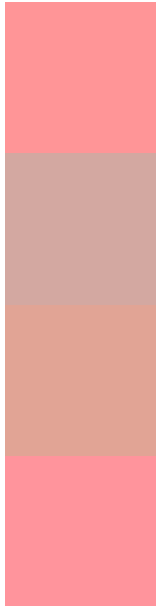
Deuteranopia

73, 20.190, 63.850



Tritanopia
73, 42.992, 16.036

Trichromacy



Original Color
73, 43.146, 22.255

Protanomaly
73, 17.564, 33.162

Deuteranomaly
73, 26.485, 39.026

Tritanomaly
73, 43.132, 18.156

Monochromacy



Original Color
73, 43.146, 22.255

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 15.197, 18.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.146, 22.255 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, 149, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 151)  
}
```

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, 149, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.146, 22.255 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, 149, 151) }
```

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

```
.border{ border-color:rgb(255, 149, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.146, 22.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 151) }
```

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

```
.background{ background-color: rgb(255,  
149, 151) }
```

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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