

Converting Colors

CIELCh(72, 45.686, 28.558)

Have a look what the booklet for
CIELCh(72, 45.686, 28.558) contains.

CIELCh(72, 45.743, 28.403)	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(72, 45.743, 28.403)

Conversions

Conversions Part 1

Format	Color
Hex	FF928B
RGB	255, 146, 139
RGB Percent	100%, 57%, 55%
CMY	0.0002, 0.4276, 0.4551
CMYK	0.00, 0.43, 0.45, 0.00
HSL	4°, 100%, 77%
HSV	4°, 45%, 100%
XYZ	56.1526, 43.6590, 29.8782
YIQ	177.7930, 67.2110, 20.9310

Conversions

Conversions Part 2

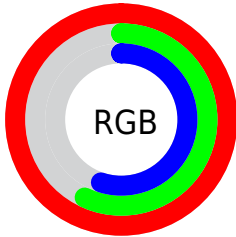
Format	Color
R _Y B	255, 146, 139
Decimal	16749195
CIE Lab	72.00, 40.24, 21.76
CIE LCh	72, 45.743, 28.403
Yxy	43.6590, 0.4330, 0.3366
Android (android.graphics.Color)	4294939275 (0xFFFF928B)
YUV	177.7930, -19.1249, 67.7105
Hunter-Lab	66.0750, 36.0638, 19.4423

Details

The CIELCh color **72, 45.743, 28.403** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 32.388, 203.928**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 21.269, 32.156**, and **52, 45.916, 28.287** is the 20% darker color. If you saturate the color by 10%, you get **67, 57.661, 30.103**, and if you desaturate by 10%, it is **78, 34.381, 27.121**.

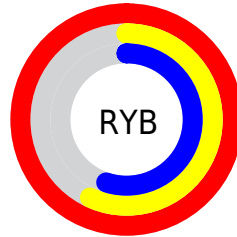
Distribution



Red (100%)

Green (57%)

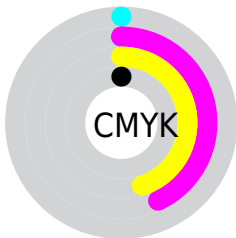
Blue (55%)



Red (100%)

Yellow (57%)

Blue (55%)

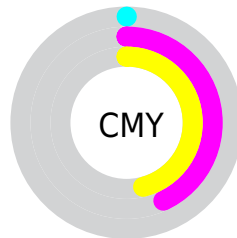


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 45.743, 28.403 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 72, 45.743, 28.403 by changing the saturation by 10% instead.

 72, 45.743, 28.403

 72, 45.743, 28.403

 100, 45.743,
28.403

 62, 45.743, 28.403

 92, 45.743, 28.403

 52, 45.743, 28.403

 42, 45.743, 28.403

 32, 45.743, 28.403

 22, 45.743, 28.403

 12, 45.743, 28.403

 2, 45.743, 28.403

 0, 45.743, 28.403

 72, 45.743, 28.403

 72, 45.743, 28.403

■ 67, 57.661, 30.103

■ 78, 34.381, 27.121

■ 62, 69.878, 32.277

■ 84, 23.730, 26.159

■ 59, 81.946, 34.901

■ 90, 13.843, 25.438

■ 56, 93.030, 37.683

■ 96, 4.711, 24.833

■ 54, 101.300,
39.773

100, 0.019,
237.402

■ 54, 103.804,
40.448

Harmonies

Complementary

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



72, 45.743, 28.403



92, 32.388, 203.928

Rectangle

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



72, 45.743, 28.403



72, 45.743, 78.403



72, 45.743, 208.403



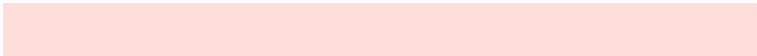
72, 45.743, 258.403

Sweetspot

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



72, 45.740, 28.407



91, 12.432, 25.345



74, 69.006, 328.340



47, 8.659, 25.480



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 45.740, 28.407



67, 57.070, 30.008



85, 40.233, 74.591



50, 4.956, 25.080



40, 83.400, 40.612



10, 32.179, 30.128

Inverse Universe

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



92, 32.388, 203.928



90, 37.066, 204.042



76, 36.750, 269.104



52, 4.659, 204.520



67, 37.313, 206.590



22, 17.308, 205.267

Previews

White Background



This preview shows how the CIELCh color 72, 45.743, 28.403 looks on a white background.

Color Contrast Check

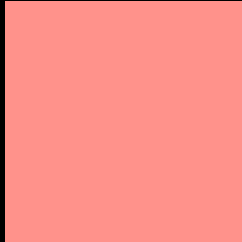
Large Text (above 18pt) WCAG AA × Fail

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 72, 45.743, 28.403 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 72, 45.743, 28.403

Background



This preview shows how black text looks on a background with the CIELCh color 72, 45.743, 28.403.



This preview shows how white text looks on a background with the CIELCh color 72, 45.743, 28.403.

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

72, 45.743, 28.403

Protanopia

72, 12.434, 92.362

Deuteranopia

72, 24.947, 68.919



Tritanopia
72, 44.775, 16.618

Trichromacy



Original Color
72, 45.743, 28.403



Protanomaly
71, 20.427, 45.712



Deuteranomaly
72, 30.494, 47.400



Tritanomaly
72, 44.800, 21.245

Monochromacy



Original Color
72, 45.743, 28.403



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 15.799, 24.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 45.743, 28.403 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, 146, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 139)  
}
```

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, 146, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 45.743, 28.403 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, 146, 139) }
```

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

```
.border{ border-color:rgb(255, 146, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 45.743, 28.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 139) }
```

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

```
.background{ background-color: rgb(255,  
146, 139) }
```

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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