

Converting Colors

CIELCh(75, 50.616, 25.365)

Have a look what the booklet for
CIELCh(75, 50.616, 25.365) contains.

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Color

CIELCh(73, 43.598, 25.006)

Conversions

Conversions Part 1

Format	Color
Hex	FF9694
RGB	255, 150, 148
RGB Percent	100%, 59%, 58%
CMY	0.0000, 0.4135, 0.4215
CMYK	0.00, 0.41, 0.42, 0.00
HSL	1°, 100%, 79%
HSV	1°, 42%, 100%
XYZ	57.6044, 45.1644, 33.5006
YIQ	181.1670, 63.2220, 21.6380

Conversions

Conversions Part 2

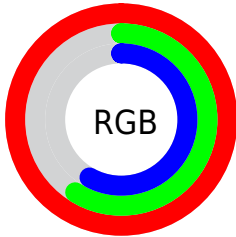
Format	Color
R_{YB}	255, 150, 148
Decimal	16750228
CIE _{Lab}	73.00, 39.51, 18.43
CIE _{LCh}	73, 43.598, 25.006
Yxy	45.1644, 0.4227, 0.3314
Android (android.graphics.Color)	4294940308 (0xFFFF9694)
YUV	181.1670, -16.3513, 64.7515
Hunter-Lab	67.2044, 35.3939, 17.4877

Details

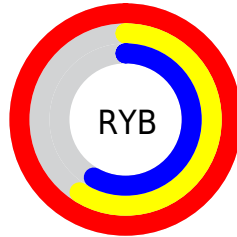
The CIELCh color **73, 43.598, 25.006** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 31.840, 199.354**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 19.044, 25.473**, and **53, 43.192, 25.135** is the 20% darker color. If you saturate the color by 10%, you get **67, 55.334, 26.843**, and if you desaturate by 10%, it is **79, 31.892, 23.584**.

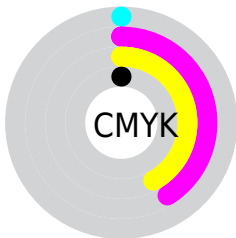
Distribution



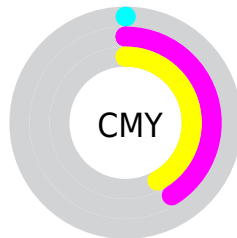
- Red (100%)
- Green (59%)
- Blue (58%)



- Red (100%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (41%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 43.598, 25.006 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, 43.598, 25.006 by changing the saturation by 10% instead.

73, 43.598, 25.006

73, 43.598, 25.006

100, 43.598,
25.006

63, 43.598, 25.006

93, 43.598, 25.006

53, 43.598, 25.006

43, 43.598, 25.006

33, 43.598, 25.006

23, 43.598, 25.006

13, 43.598, 25.006

3, 43.598, 25.006

0, 43.598, 25.006

73, 43.598, 25.006

73, 43.598, 25.006

67, 55.334, 26.843

79, 31.892, 23.584

63, 67.579, 29.232

85, 21.134, 22.510

59, 79.664, 32.193

92, 11.136, 21.676

56, 90.927, 35.540

99, 1.892, 20.770

54, 99.980, 38.563

100, 0.012,
296.813

53, 104.350,
40.132

Harmonies

Complementary

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



73, 43.598, 25.006



93, 31.840, 199.354

Rectangle

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



73, 43.598, 25.006



73, 43.598, 75.006



73, 43.598, 205.006



73, 43.598, 255.006

Sweetspot

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



73, 43.345, 24.994



91, 11.958, 21.741



76, 65.748, 327.175



47, 8.442, 21.912



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, 43.345, 24.994



68, 53.938, 26.605



85, 36.500, 71.776



50, 5.157, 21.480



40, 83.969, 40.189



10, 32.978, 28.094

Inverse Universe

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



93, 31.840, 199.354



92, 36.735, 199.158



79, 32.723, 264.778



52, 4.851, 200.623



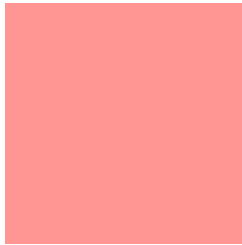
69, 39.306, 199.369



23, 18.139, 199.001

Previews

White Background



This preview shows how the CIELCh color 73, 43.598, 25.006 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, 43.598, 25.006 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, 43.598, 25.006

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.598, 25.006.



This preview shows how white text looks on a background with the CIELCh color 73, 43.598, 25.006.

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, 43.130, 24.955

Protanopia

73, 9.690, 90.511

Deuteranopia

73, 22.043, 65.047



Tritanopia
73, 42.992, 16.036

Trichromacy



Original Color
73, 43.130, 24.955



Protanomaly
73, 18.719, 39.181



Deuteranomaly
73, 27.871, 42.737



Tritanomaly
73, 42.807, 19.449

Monochromacy



Original Color
73, 43.130, 24.955



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 14.851, 22.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.598, 25.006 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.598, 25.006 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, 148) }
```

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

```
.border{ border-color:rgb(255, 150, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.598, 25.006 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, 148) }
```

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

```
.background{ background-color: rgb(255,  
150, 148) }
```

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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