

Converting Colors

CIELCh(80, 53.789, 25.283)

Have a look what the booklet for
CIELCh(80, 53.789, 25.283) contains.

CIELCh(75, 38.503, 24.494)	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(75, 38.503, 24.494)

Conversions

Conversions Part 1

Format	Color
Hex	FE9F9D
RGB	254, 159, 157
RGB Percent	100%, 62%, 62%
CMY	0.0044, 0.3765, 0.3842
CMYK	0.00, 0.37, 0.38, 0.00
HSL	1°, 98%, 81%
HSV	1°, 38%, 100%
XYZ	59.3149, 48.2781, 38.0988
YIQ	187.1770, 57.2620, 19.5180

Conversions

Conversions Part 2

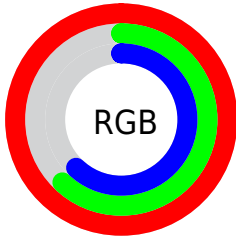
Format	Color
RYB	254, 159, 157
Decimal	16687005
CIELab	75.00, 35.04, 15.96
CIELCh	75, 38.503, 24.494
Yxy	48.2781, 0.4071, 0.3314
Android (android.graphics.Color)	4294877085 (0xFFFE9F9D)
YUV	187.1770, -14.8773, 58.6038
Hunter-Lab	69.4824, 30.7854, 16.1277

Details

The CIELCh color **75, 38.503, 24.494** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 29.230, 199.633**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.024, 26.348**, and **55, 38.701, 24.235** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.249, 26.148**, and if you desaturate by 10%, it is **81, 27.366, 23.244**.

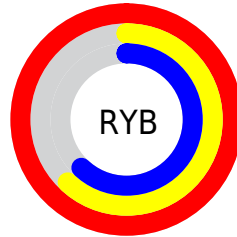
Distribution



Red (100%)

Green (62%)

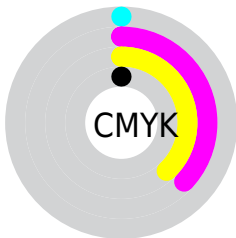
Blue (62%)



Red (100%)

Yellow (62%)

Blue (62%)

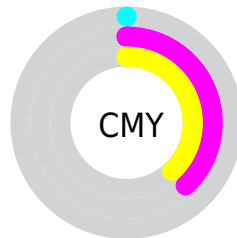


Cyan (0%)

Magenta (37%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 38.503, 24.494 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 75, 38.503, 24.494 by changing the saturation by 10% instead.

75, 38.503, 24.494

75, 38.503, 24.494

100, 38.503,
24.494

65, 38.503, 24.494

95, 38.503, 24.494

55, 38.503, 24.494

45, 38.503, 24.494

35, 38.503, 24.494

25, 38.503, 24.494

15, 38.503, 24.494

5, 38.503, 24.494

0, 38.503, 24.494

75, 38.503, 24.494

75, 38.503, 24.494

■ 69, 50.249, 26.148

■ 81, 27.366, 23.244

■ 64, 62.385, 28.297

■ 88, 16.961, 22.285

■ 60, 74.554, 31.015

■ 94, 7.316, 21.517

■ 57, 86.223, 34.233

100, 0.388,
201.090

■ 54, 96.394, 37.496

■ 53, 103.041,
39.766

■ 53, 103.982,
40.144

Harmonies

Complementary

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



75, 38.503, 24.494



93, 29.230, 199.633

Rectangle

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



75, 38.503, 24.494



75, 38.503, 74.494



75, 38.503, 204.494



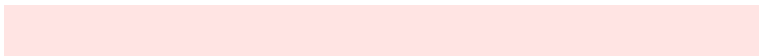
75, 38.503, 254.494

Sweetspot

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



75, 38.500, 24.498



93, 10.021, 21.726



77, 59.624, 326.972



48, 6.770, 21.827



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 38.500, 24.498



71, 47.849, 25.756



86, 32.636, 72.304



50, 5.148, 21.617



40, 83.947, 40.206



10, 32.945, 28.174

Inverse Universe

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



93, 29.230, 199.633



93, 34.007, 199.437



80, 29.590, 263.802



52, 4.843, 200.771



69, 39.218, 199.637



23, 18.103, 199.235

Previews

White Background



This preview shows how the CIELCh color 75, 38.503, 24.494 looks on a white background.

Color Contrast Check

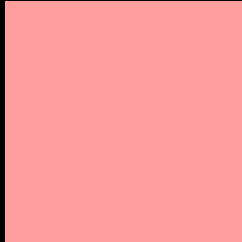
Large Text (above 18pt) WCAG AA × Fail

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 75, 38.503, 24.494 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 75, 38.503, 24.494

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.503, 24.494.



This preview shows how white text looks on a background with the CIELCh color 75, 38.503, 24.494.

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

75, 38.551, 24.515

Protanopia

75, 8.120, 87.162

Deuteranopia

75, 19.583, 61.063



Tritanopia
75, 39.016, 13.898

Trichromacy



Original Color
75, 38.551, 24.515



Protanomaly
75, 16.784, 39.168



Deuteranomaly
75, 25.274, 40.876



Tritanomaly
75, 38.703, 17.658

Monochromacy



Original Color
75, 38.551, 24.515



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 13.142, 22.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.503, 24.494 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(254, 159, 157)` looks like.

```
.text, #text, p{  
    color:rgb(254, 159, 157)  
}
```

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(254, 159, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 159, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.503, 24.494 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(254, 159, 157) }
```

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

```
.border{ border-color:rgb(254, 159, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 159, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 159, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 159, 157);  
box-shadow:4px 4px 4px 4px rgb(254, 159,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.503, 24.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 159, 157) }
```

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

```
.background{ background-color: rgb(254,  
159, 157) }
```

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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