

Converting Colors

CIELCh(73, 33.209, 32.202)

Have a look what the booklet for
CIELCh(73, 33.209, 32.202) contains.

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Color

CIELCh(73, 33.244, 32.361)

Conversions

Conversions Part 1

Format	Color
Hex	EE9F94
RGB	238, 159, 148
RGB Percent	93%, 62%, 58%
CMY	0.0663, 0.3761, 0.4192
CMYK	0.00, 0.33, 0.38, 0.07
HSL	7°, 73%, 76%
HSV	7°, 38%, 93%
XYZ	53.0611, 45.1644, 33.9759
YIQ	181.3670, 50.6150, 13.3270

Conversions

Conversions Part 2

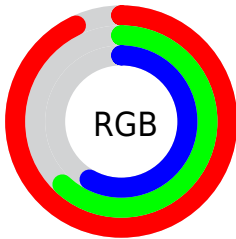
Format	Color
R _Y B	238, 161, 148
Decimal	15638420
CIE Lab	73.00, 28.08, 17.79
CIE LCh	73, 33.244, 32.361
Yxy	45.1644, 0.4014, 0.3416
Android (android.graphics.Color)	4293828500 (0xFFEE9F94)
YUV	181.3670, -16.4499, 49.6671
Hunter-Lab	67.2044, 23.3264, 17.0684

Details

The CIELCh color **73, 33.244, 32.361** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 25.101, 211.269**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.823, 41.993**, and **53, 33.323, 32.895** is the 20% darker color. If you saturate the color by 10%, you get **68, 43.726, 33.303**, and if you desaturate by 10%, it is **78, 23.459, 31.701**.

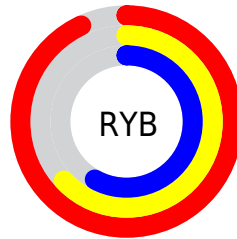
Distribution



Red (93%)

Green (62%)

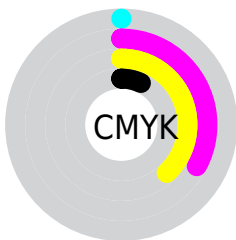
Blue (58%)



Red (93%)

Yellow (63%)

Blue (58%)

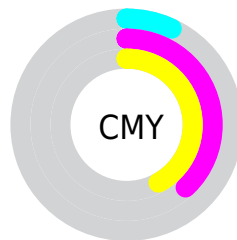


Cyan (0%)

Magenta (33%)

Yellow (38%)

Black (7%)



Cyan (7%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 33.244, 32.361 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, 33.244, 32.361 by changing the saturation by 10% instead.

73, 33.244, 32.361

73, 33.244, 32.361

100, 33.244,
32.361

63, 33.244, 32.361

93, 33.244, 32.361

53, 33.244, 32.361

43, 33.244, 32.361

33, 33.244, 32.361

23, 33.244, 32.361

13, 33.244, 32.361

3, 33.244, 32.361

0, 33.244, 32.361

73, 33.244, 32.361

73, 33.244, 32.361

68, 43.726, 33.303

78, 23.459, 31.701

63, 54.809, 34.573

84, 14.404, 31.246

59, 66.276, 36.203

90, 6.054, 30.914

56, 77.697, 38.122

95, 1.637, 211.259

53, 88.159, 39.996

99, 5.805, 199.152

51, 95.845, 41.064

51, 97.238, 41.315

Harmonies

Complementary

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



73, 33.244, 32.361



86, 25.101, 211.269

Rectangle

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



73, 33.244, 32.361



73, 33.244, 82.361



73, 33.244, 212.361



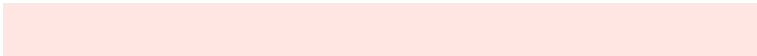
73, 33.244, 262.361

Sweetspot

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



73, 33.242, 32.366



93, 9.146, 31.018



73, 52.456, 330.039



49, 6.180, 31.061



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, 33.242, 32.366



74, 43.076, 33.026



84, 32.507, 81.887



47, 4.464, 30.968



39, 79.703, 41.579



9, 27.400, 30.594

Inverse Universe

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



86, 25.101, 211.269



90, 30.465, 211.597



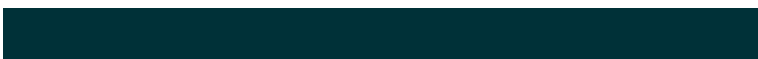
74, 31.427, 273.361



49, 4.197, 210.910



61, 34.383, 218.754



18, 15.166, 215.255

Previews

White Background



This preview shows how the CIELCh color 73, 33.244, 32.361 looks on a white background.

Color Contrast Check

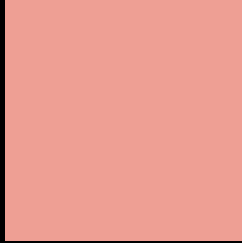
Large Text (above 18pt) WCAG AA × Fail

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, 33.244, 32.361 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, 33.244, 32.361

Background



This preview shows how black text looks on a background with the CIELCh color 73, 33.244, 32.361.



This preview shows how white text looks on a background with the CIELCh color 73, 33.244, 32.361.

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, 33.244, 32.361

Protanopia

73, 11.875, 91.732

Deuteranopia

73, 20.897, 64.020



Tritanopia
73, 33.563, 11.740

Trichromacy



Original Color
73, 33.244, 32.361

Protanomaly
73, 16.890, 55.226

Deuteranomaly
73, 24.425, 48.303

Tritanomaly
73, 32.830, 18.821

Monochromacy



Original Color
73, 33.244, 32.361

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 11.497, 31.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 33.244, 32.361 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(238, 159, 148)` looks like.

```
.text, #text, p{  
    color:rgb(238, 159, 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(238, 159, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 159, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 33.244, 32.361 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(238, 159, 148) }
```

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

```
.border{ border-color:rgb(238, 159, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 159, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 159, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 159, 148);  
box-shadow:4px 4px 4px 4px rgb(238, 159,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 33.244, 32.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 159, 148) }
```

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

```
.background{ background-color: rgb(238,  
159, 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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