

Converting Colors

CIELCh(79, 31.787, 42.633)

Have a look what the booklet for
CIELCh(79, 31.787, 42.633) contains.

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Color

CIELCh(79, 31.569, 42.938)

Conversions

Conversions Part 1

Format	Color
Hex	FAB39D
RGB	250, 179, 157
RGB Percent	98%, 70%, 62%
CMY	0.0201, 0.2984, 0.3847
CMYK	0.00, 0.28, 0.37, 0.02
HSL	14°, 90%, 80%
HSV	14°, 37%, 98%
XYZ	61.5560, 54.9284, 39.2081
YIQ	197.7210, 49.3780, 8.2100

Conversions

Conversions Part 2

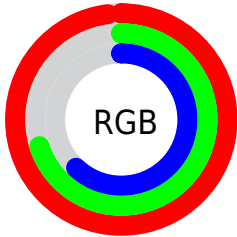
Format	Color
R _Y B	250, 186, 157
Decimal	16429981
CIE Lab	79.00, 23.11, 21.51
CIE LCh	79, 31.569, 42.938
Yxy	54.9284, 0.3954, 0.3528
Android (android.graphics.Color)	4294620061 (0xFFFFAB39D)
YUV	197.7210, -20.0755, 45.8487
Hunter-Lab	74.1137, 18.5563, 20.5136

Details

The CIELCh color **79, 31.569, 42.938** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 24.345, 226.623**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 13.968, 76.926**, and **59, 31.625, 42.614** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.728, 43.051**, and if you desaturate by 10%, it is **84, 22.143, 43.000**.

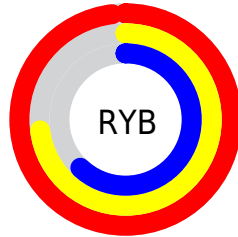
Distribution



Red (98%)

Green (70%)

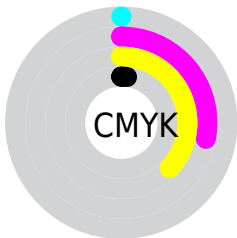
Blue (62%)



Red (98%)

Yellow (73%)

Blue (62%)

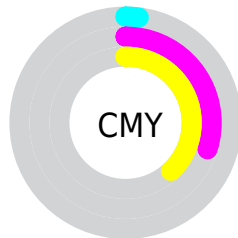


Cyan (0%)

Magenta (28%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (30%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.569, 42.938 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 79, 31.569, 42.938 by changing the saturation by 10% instead.

79, 31.569, 42.938

79, 31.569, 42.938

100, 31.569,
42.938

69, 31.569, 42.938

99, 31.569, 42.938

59, 31.569, 42.938

49, 31.569, 42.938

39, 31.569, 42.938

29, 31.569, 42.938

19, 31.569, 42.938

9, 31.569, 42.938

0, 31.569, 42.938

79, 31.569, 42.938

79, 31.569, 42.938

74, 41.728, 43.051

84, 22.143, 43.000

70, 52.584, 43.347

89, 13.438, 43.183

66, 63.981, 43.827

94, 5.406, 43.419

62, 75.543, 44.402

100, 1.777,
199.665

59, 86.391, 44.787

56, 94.803, 44.366

56, 96.776, 44.230

Harmonies

Complementary

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



79, 31.569, 42.938



87, 24.345, 226.623

Rectangle

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



79, 31.569, 42.938



79, 31.569, 92.938



79, 31.569, 222.938



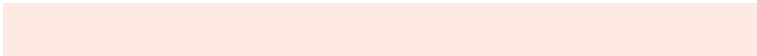
79, 31.569, 272.938

Sweetspot

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



79, 31.568, 42.944



94, 8.512, 43.333



76, 49.619, 334.274



49, 5.751, 43.300



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 31.568, 42.944



77, 40.079, 43.012



90, 36.493, 91.406



49, 4.300, 43.370



42, 77.893, 44.699



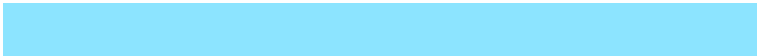
11, 28.200, 38.802

Inverse Universe

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



87, 24.345, 226.623



86, 28.936, 227.693



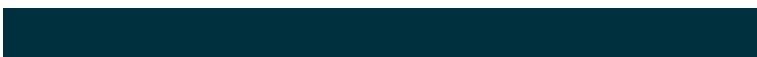
74, 37.324, 282.031



51, 4.061, 224.336



56, 35.994, 243.519



17, 15.913, 237.115

Previews

White Background



This preview shows how the CIELCh color 79, 31.569, 42.938 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 79, 31.569, 42.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

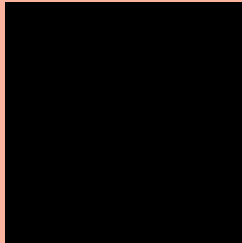
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 31.569, 42.938

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.569, 42.938.

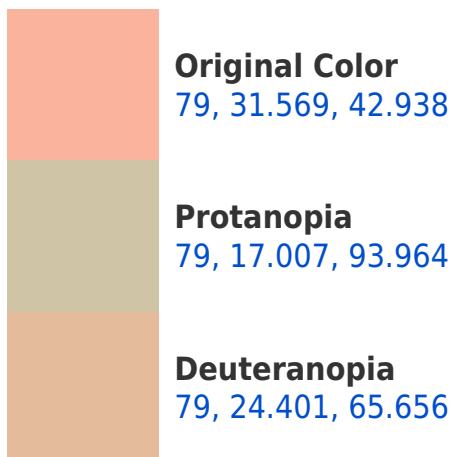


This preview shows how white text looks on a background with the CIELCh color 79, 31.569, 42.938.

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





Tritanopia
79, 31.103, 8.544

Trichromacy



Original Color
79, 31.569, 42.938

Protanomaly
79, 20.014, 67.643

Deuteranomaly
79, 26.469, 55.869

Tritanomaly
79, 29.858, 20.967

Monochromacy



Original Color
79, 31.569, 42.938

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.841, 43.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.569, 42.938 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(250, 179, 157)` looks like.

```
.text, #text, p{  
    color:rgb(250, 179, 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(250, 179, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 179, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.569, 42.938 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(250, 179, 157) }
```

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

```
.border{ border-color:rgb(250, 179, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 179, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 179, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 179, 157);  
box-shadow:4px 4px 4px 4px rgb(250, 179,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.569, 42.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 179, 157) }
```

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

```
.background{ background-color: rgb(250,  
179, 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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