

# Converting Colors

CIELCh(69, 44.450, 27.799)

Have a look what the booklet for  
CIELCh(69, 44.450, 27.799) contains.

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# **Color**

**CIELCh(69, 44.343, 27.941)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F48B85
RGB	244, 139, 133
RGB Percent	96%, 55%, 52%
CMY	0.0435, 0.4552, 0.4788
CMYK	0.00, 0.43, 0.46, 0.04
HSL	3°, 83%, 74%
HSV	3°, 46%, 96%
XYZ	50.7192, 39.3444, 27.0798
YIQ	169.7110, 64.5060, 20.3940

# Conversions

## Conversions Part 2

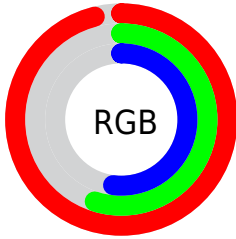
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 139, 133
Decimal	16026501
CIE Lab	69.00, 39.17, 20.78
CIE LCh	69, 44.343, 27.941
Yxy	39.3444, 0.4330, 0.3359
Android (android.graphics.Color)	4294216581 (0xFFFF48B85)
YUV	169.7110, -18.0985, 65.1515
Hunter-Lab	62.7251, 34.5652, 18.3108

# Details

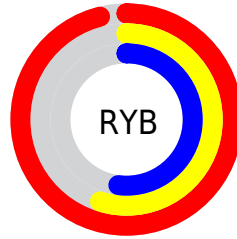
The CIELCh color **69, 44.343, 27.941** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 31.458, 203.195**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 24.192, 31.089**, and **49, 44.205, 28.465** is the 20% darker color. If you saturate the color by 10%, you get **64, 55.865, 29.682**, and if you desaturate by 10%, it is **75, 33.345, 26.625**.

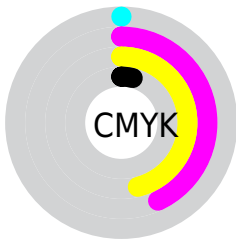
# Distribution



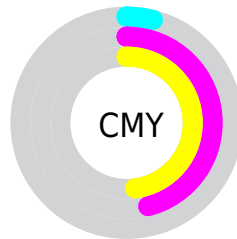
- Red (96%)
- Green (55%)
- Blue (52%)



- Red (96%)
- Yellow (55%)
- Blue (52%)



- Cyan (0%)
- Magenta (43%)
- Yellow (46%)
- Black (4%)



- Cyan (4%)
- Magenta (46%)
- Yellow (48%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 44.343, 27.941 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 69, 44.343, 27.941 by changing the saturation by 10% instead.



 69, 44.343, 27.941

 69, 44.343, 27.941

 100, 44.343,  
27.941

 59, 44.343, 27.941

 89, 44.343, 27.941

 49, 44.343, 27.941

 99, 44.343, 27.941

 39, 44.343, 27.941

 29, 44.343, 27.941

 19, 44.343, 27.941

 9, 44.343, 27.941

 0, 44.343, 27.941

 69, 44.343, 27.941

 69, 44.343, 27.941

 64, 55.865, 29.682

 75, 33.345, 26.625

■ 60, 67.658, 31.905

■ 80, 23.024, 25.634

■ 56, 79.289, 34.593

■ 86, 13.437, 24.887

■ 53, 89.968, 37.459

■ 93, 4.579, 24.259

■ 52, 97.961, 39.653

■ 99, 3.592, 204.189

■ 51, 100.436,  
40.411

■ 99, 3.835, 199.335

# Harmonies

# Complementary

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



69, 44.343, 27.941



88, 31.458, 203.195

# Rectangle

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



69, 44.343, 27.941



69, 44.343, 77.941



69, 44.343, 207.941



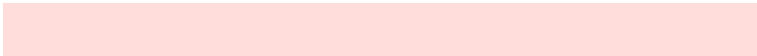
69, 44.343, 257.941

# Sweetspot

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



69, 44.340, 27.945



91, 12.504, 24.792



71, 66.594, 328.335



47, 8.709, 24.932



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

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



69, 44.340, 27.945



67, 57.330, 29.608



82, 38.813, 74.605



48, 4.820, 24.513



39, 81.802, 40.564



9, 29.881, 27.877





# Inverse Universe

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



88, 31.458, 203.195



91, 37.295, 203.261



73, 35.460, 269.078



50, 4.533, 203.910



65, 36.837, 205.420



20, 16.517, 204.142



# Previews

## White Background



This preview shows how the CIELCh color 69, 44.343, 27.941 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 69, 44.343, 27.941 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 69, 44.343, 27.941**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 69, 44.343, 27.941.



This preview shows how white text looks on a background with the CIELCh color 69, 44.343, 27.941.

# 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





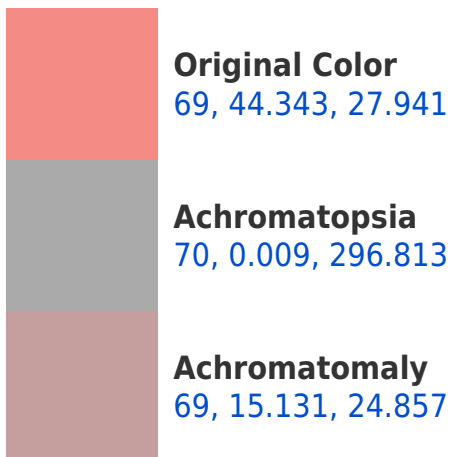
**Tritanopia**  
69, 43.976, 17.200



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 69, 44.343, 27.941 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(244, 139, 133)` looks like.

```
.text, #text, p{  
    color:rgb(244, 139, 133)  
}
```

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(244, 139, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 139, 133) }
```

## Border

The CSS property to change the border of an element to CIELCh 69, 44.343, 27.941 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(244, 139, 133) }
```

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

```
.border{ border-color:rgb(244, 139, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 139, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 139, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 139, 133);  
box-shadow:4px 4px 4px 4px rgb(244, 139,  
133) }
```

# Background

The CSS property to change the background color of an element to CIELCh 69, 44.343, 27.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 139, 133) }
```

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

```
.background{ background-color: rgb(244,  
139, 133) }
```

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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