

Converting Colors

CIELCh(69, 45.472, 28.646)

Have a look what the booklet for
CIELCh(69, 45.472, 28.646) contains.

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Color

CIELCh(69, 45.408, 28.619)

Conversions

Conversions Part 1

Format	Color
Hex	F58A83
RGB	245, 138, 131
RGB Percent	96%, 54%, 51%
CMY	0.0382, 0.4579, 0.4854
CMYK	0.00, 0.44, 0.46, 0.04
HSL	4°, 85%, 74%
HSV	4°, 46%, 96%
XYZ	50.9771, 39.3444, 26.4567
YIQ	169.1950, 66.0190, 20.5070

Conversions

Conversions Part 2

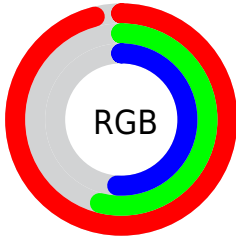
Format	Color
R_{YB}	245, 138, 131
Decimal	16091779
CIE _{Lab}	69.00, 39.86, 21.75
CIE _{LCh}	69, 45.408, 28.619
Yxy	39.3444, 0.4365, 0.3369
Android (android.graphics.Color)	4294281859 (0xFFFF58A83)
YUV	169.1950, -18.8301, 66.4810
Hunter-Lab	62.7251, 35.2991, 18.8998

Details

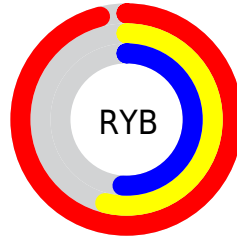
The CIELCh color **69, 45.408, 28.619** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 31.886, 204.067**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 24.765, 32.118**, and **49, 45.163, 28.579** is the 20% darker color. If you saturate the color by 10%, you get **64, 56.991, 30.347**, and if you desaturate by 10%, it is **74, 34.348, 27.313**.

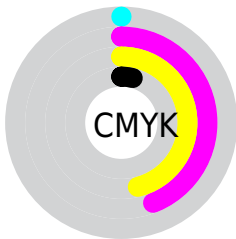
Distribution



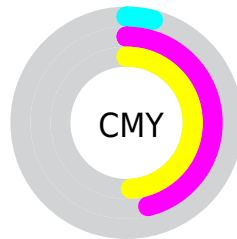
- Red (96%)
- Green (54%)
- Blue (51%)



- Red (96%)
- Yellow (54%)
- Blue (51%)



- Cyan (0%)
- Magenta (44%)
- Yellow (46%)
- Black (4%)



- Cyan (4%)
- Magenta (46%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 45.408, 28.619 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, 45.408, 28.619 by changing the saturation by 10% instead.

 69, 45.408, 28.619

 69, 45.408, 28.619

 100, 45.408,
28.619

 59, 45.408, 28.619

 89, 45.408, 28.619

 49, 45.408, 28.619

 99, 45.408, 28.619

 39, 45.408, 28.619

 29, 45.408, 28.619

 19, 45.408, 28.619

 9, 45.408, 28.619

 0, 45.408, 28.619

 69, 45.408, 28.619

 69, 45.408, 28.619

 64, 56.991, 30.347

 74, 34.348, 27.313

60, 68.836, 32.547

80, 23.968, 26.332

56, 80.493, 35.183

86, 14.324, 25.598

54, 91.101, 37.929

93, 5.415, 25.003

52, 98.798, 39.893

99, 2.802, 204.978

52, 100.751,
40.477

99, 3.370, 199.388

Harmonies

Complementary

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



69, 45.408, 28.619



88, 31.886, 204.067

Rectangle

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



69, 45.408, 28.619



69, 45.408, 78.619



69, 45.408, 208.619



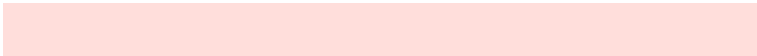
69, 45.408, 258.619

Sweetspot

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



69, 45.405, 28.623



91, 12.419, 25.445



71, 68.225, 328.387



47, 8.650, 25.579



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, 45.405, 28.623



67, 58.235, 30.273



82, 39.910, 74.465



48, 4.787, 25.180



39, 81.697, 40.645



9, 29.735, 28.275

Inverse Universe

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



88, 31.886, 204.067



90, 37.462, 204.205



73, 36.390, 269.346



50, 4.501, 204.632



65, 36.528, 206.778



20, 16.391, 205.296

Previews

White Background



This preview shows how the CIELCh color 69, 45.408, 28.619 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, 45.408, 28.619 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, 45.408, 28.619

Background



This preview shows how black text looks on a background with the CIELCh color 69, 45.408, 28.619.



This preview shows how white text looks on a background with the CIELCh color 69, 45.408, 28.619.

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

69, 45.408, 28.619

Protanopia

69, 12.543, 92.275

Deuteranopia

69, 24.932, 69.495



Tritanopia
69, 44.831, 17.455

Trichromacy



Original Color
69, 45.408, 28.619



Protanomaly
68, 20.666, 45.685



Deuteranomaly
69, 30.171, 46.872



Tritanomaly
69, 44.831, 21.425

Monochromacy



Original Color
69, 45.408, 28.619



Achromatopsia
69, 0.009, 296.813



Achromatomaly
69, 15.647, 26.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 45.408, 28.619 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(245, 138, 131)` looks like.

```
.text, #text, p{  
    color:rgb(245, 138, 131)  
}
```

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(245, 138, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 138, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 45.408, 28.619 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(245, 138, 131) }
```

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

```
.border{ border-color:rgb(245, 138, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 138, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 138, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 138, 131);  
box-shadow:4px 4px 4px 4px rgb(245, 138,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 45.408, 28.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 138, 131) }
```

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

```
.background{ background-color: rgb(245,  
138, 131) }
```

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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