

Converting Colors

CIELCh(69, 45.016, 27.446)

Have a look what the booklet for
CIELCh(69, 45.016, 27.446) contains.

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Color

CIELCh(69, 45.083, 27.320)

Conversions

Conversions Part 1

Format	Color
Hex	F58A85
RGB	245, 138, 133
RGB Percent	96%, 54%, 52%
CMY	0.0387, 0.4583, 0.4780
CMYK	0.00, 0.44, 0.46, 0.04
HSL	3°, 85%, 74%
HSV	3°, 46%, 96%
XYZ	51.0502, 39.3444, 27.1355
YIQ	169.4230, 65.3770, 21.1290

Conversions

Conversions Part 2

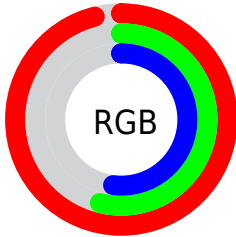
Format	Color
R _Y B	245, 138, 133
Decimal	16091781
CIE Lab	69.00, 40.05, 20.69
CIE LCh	69, 45.083, 27.320
Yxy	39.3444, 0.4344, 0.3348
Android (android.graphics.Color)	4294281861 (0xFFFF58A85)
YUV	169.4230, -17.9565, 66.2810
Hunter-Lab	62.7251, 35.5071, 18.2581

Details

The CIELCh color **69, 45.083, 27.320** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 31.981, 202.124**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 24.477, 29.793**, and **49, 44.967, 27.893** is the 20% darker color. If you saturate the color by 10%, you get **64, 56.704, 29.144**, and if you desaturate by 10%, it is **75, 33.963, 25.937**.

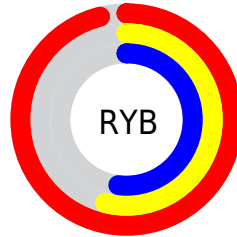
Distribution



Red (96%)

Green (54%)

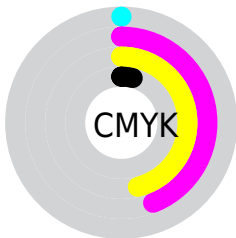
Blue (52%)



Red (96%)

Yellow (54%)

Blue (52%)

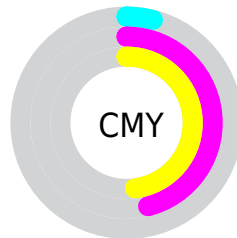


Cyan (0%)

Magenta (44%)

Yellow (46%)

Black (4%)



Cyan (4%)

Magenta (46%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 45.083, 27.320 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, 45.083, 27.320 by changing the saturation by 10% instead.

69, 45.083, 27.320

69, 45.083, 27.320

100, 45.083,
27.320

59, 45.083, 27.320

89, 45.083, 27.320

49, 45.083, 27.320

99, 45.083, 27.320

39, 45.083, 27.320

29, 45.083, 27.320

19, 45.083, 27.320

9, 45.083, 27.320

0, 45.083, 27.320

69, 45.083, 27.320

69, 45.083, 27.320

64, 56.704, 29.144

75, 33.963, 25.937

■ 60, 68.555, 31.471

■ 80, 23.510, 24.891

■ 56, 80.194, 34.281

■ 87, 13.791, 24.097

■ 53, 90.811, 37.272

■ 93, 4.805, 23.434

■ 52, 98.643, 39.561

■ 99, 3.411, 199.383

■ 51, 100.951,
40.331

Harmonies

Complementary

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



69, 45.083, 27.320



89, 31.981, 202.124

Rectangle

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



69, 45.083, 27.320



69, 45.083, 77.320



69, 45.083, 207.320



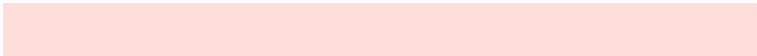
69, 45.083, 257.320

Sweetspot

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



69, 45.080, 27.324



91, 12.614, 23.983



71, 67.877, 327.838



47, 8.785, 24.132



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, 45.080, 27.324



67, 57.718, 29.025



81, 38.865, 72.959



48, 4.863, 23.687



39, 81.930, 40.466



9, 30.068, 27.378

Inverse Universe

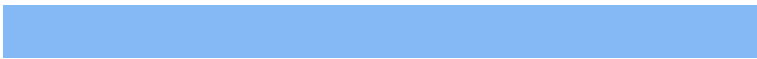
The Inverse Universe completely reimagines the original color for something new.



89, 31.981, 202.124



91, 37.646, 202.123



74, 35.005, 267.436



50, 4.573, 203.016



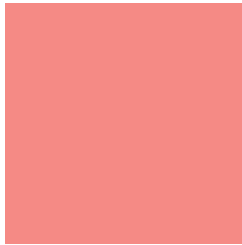
66, 37.250, 203.753



21, 16.684, 202.722

Previews

White Background



This preview shows how the CIELCh color 69, 45.083, 27.320 looks on a white background.

Color Contrast Check

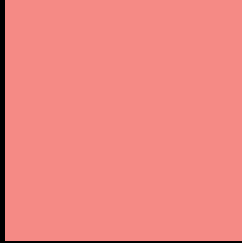
Large Text (above 18pt) WCAG AA × Fail

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 69, 45.083, 27.320 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, 45.083, 27.320

Background



This preview shows how black text looks on a background with the CIELCh color 69, 45.083, 27.320.

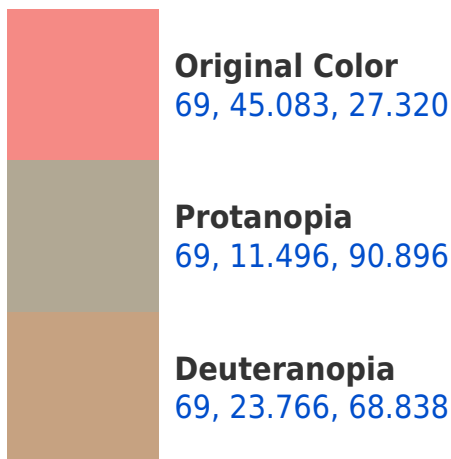


This preview shows how white text looks on a background with the CIELCh color 69, 45.083, 27.320.

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, 44.831, 17.455

Trichromacy



Original Color
69, 45.083, 27.320



Protanomaly
68, 20.127, 43.052



Deuteranomaly
69, 29.475, 46.350



Tritanomaly
69, 44.831, 21.425

Monochromacy



Original Color
69, 45.083, 27.320



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 15.488, 22.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 45.083, 27.320 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(245, 138, 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(245, 138, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 138, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 45.083, 27.320 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, 133) }
```

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

```
.border{ border-color:rgb(245, 138, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 138, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 138, 133); box-shadow:4px 4px 4px 4px rgb(245, 138, 133) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 45.083, 27.320 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, 133) }
```

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

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