

Converting Colors

CIELCh(67, 44.670, 27.867)

Have a look what the booklet for
CIELCh(67, 44.670, 27.867) contains.

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Color

CIELCh(67, 44.558, 27.445)

Conversions

Conversions Part 1

Format	Color
Hex	EE8580
RGB	238, 133, 128
RGB Percent	93%, 52%, 50%
CMY	0.0656, 0.4774, 0.4971
CMYK	0.00, 0.44, 0.46, 0.07
HSL	3°, 77%, 72%
HSV	3°, 46%, 93%
XYZ	47.6859, 36.6320, 25.0604
YIQ	163.8250, 64.1850, 20.7050

Conversions

Conversions Part 2

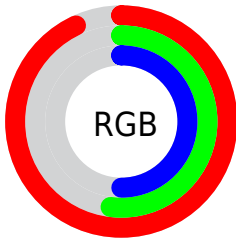
Format	Color
RYB	238, 133, 128
Decimal	15631744
CIELab	67.00, 39.54, 20.54
CIElCh	67, 44.558, 27.445
Yxy	36.6320, 0.4360, 0.3349
Android (android.graphics.Color)	4293821824 (0xFFEE8580)
YUV	163.8250, -17.6617, 65.0515
Hunter-Lab	60.5244, 34.7189, 17.8177

Details

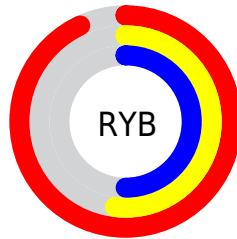
The CIELCh color **67, 44.558, 27.445** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 31.489, 202.219**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 26.614, 29.331**, and **47, 44.297, 27.411** is the 20% darker color. If you saturate the color by 10%, you get **62, 55.926, 29.279**, and if you desaturate by 10%, it is **72, 33.672, 26.053**.

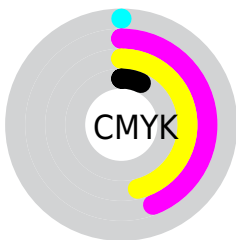
Distribution



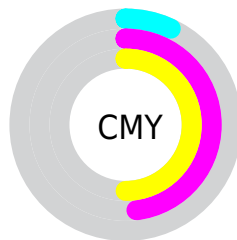
- Red (93%)
- Green (52%)
- Blue (50%)



- Red (93%)
- Yellow (52%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (46%)
- Black (7%)



- Cyan (7%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 44.558, 27.445 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 67, 44.558, 27.445 by changing the saturation by 10% instead.

67, 44.558, 27.445

67, 44.558, 27.445

100, 44.558,
27.445

57, 44.558, 27.445

87, 44.558, 27.445

47, 44.558, 27.445

97, 44.558, 27.445

37, 44.558, 27.445

27, 44.558, 27.445

17, 44.558, 27.445

7, 44.558, 27.445

0, 44.558, 27.445

67, 44.558, 27.445

67, 44.558, 27.445

62, 55.926, 29.279

72, 33.672, 26.053

■ 58, 67.509, 31.614

■ 78, 23.433, 25.000

■ 54, 78.866, 34.424

■ 84, 13.909, 24.202

■ 52, 89.189, 37.394

■ 90, 5.102, 23.544

■ 50, 96.717, 39.623

■ 97, 3.025, 203.449

■ 50, 98.779, 40.349

■ 99, 5.746, 199.157

Harmonies

Complementary

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



67, 44.558, 27.445



87, 31.489, 202.219

Rectangle

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



67, 44.558, 27.445



67, 44.558, 77.445



67, 44.558, 207.445



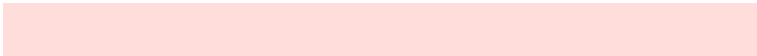
67, 44.558, 257.445

Sweetspot

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



67, 44.555, 27.449



91, 12.604, 24.057



69, 66.985, 327.859



47, 8.778, 24.205



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 44.555, 27.449



67, 57.683, 29.078



79, 38.415, 72.903



47, 4.775, 23.761



38, 81.071, 40.483



8, 28.847, 26.285

Inverse Universe

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



87, 31.489, 202.219



91, 37.613, 202.226



72, 34.566, 267.547



49, 4.492, 203.098



65, 36.833, 203.896



20, 16.206, 202.791

Previews

White Background



This preview shows how the CIELCh color 67, 44.558, 27.445 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 67, 44.558, 27.445 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 67, 44.558, 27.445

Background



This preview shows how black text looks on a background with the CIELCh color 67, 44.558, 27.445.



This preview shows how white text looks on a background with the CIELCh color 67, 44.558, 27.445.

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

67, 44.558, 27.445

Protanopia

67, 11.443, 92.762

Deuteranopia

67, 23.648, 69.514



Tritanopia
67, 44.286, 17.409

Trichromacy



Original Color
67, 44.558, 27.445

Protanomaly
66, 19.495, 43.931

Deuteranomaly
67, 29.013, 45.788

Tritanomaly
67, 44.290, 21.449

Monochromacy



Original Color
67, 44.558, 27.445

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 15.255, 24.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 44.558, 27.445 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, 133, 128)` looks like.

```
.text, #text, p{  
    color:rgb(238, 133, 128)  
}
```

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, 133, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 133, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 44.558, 27.445 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, 133, 128) }
```

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

```
.border{ border-color:rgb(238, 133, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 133, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 133, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 133, 128);  
box-shadow:4px 4px 4px 4px rgb(238, 133,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 44.558, 27.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 133, 128) }
```

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

```
.background{ background-color: rgb(238,  
133, 128) }
```

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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