

Converting Colors

CIELCh(68, 45.831, 25.821)

Have a look what the booklet for
CIELCh(68, 45.831, 25.821) contains.

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Color

CIELCh(68, 46.137, 25.548)

Conversions

Conversions Part 1

Format	Color
Hex	F48684
RGB	244, 134, 132
RGB Percent	96%, 53%, 52%
CMY	0.0429, 0.4743, 0.4822
CMYK	0.00, 0.45, 0.46, 0.04
HSL	1°, 84%, 74%
HSV	1°, 46%, 96%
XYZ	50.0251, 37.9720, 26.5383
YIQ	166.6620, 66.2020, 22.6980

Conversions

Conversions Part 2

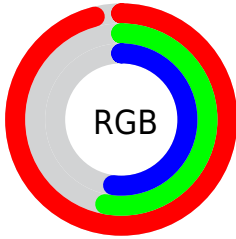
Format	Color
RYB	244, 134, 132
Decimal	16025220
CIELab	68.00, 41.63, 19.90
CIElCh	68, 46.137, 25.548
Yxy	37.9720, 0.4368, 0.3315
Android (android.graphics.Color)	4294215300 (0xFFFF48684)
YUV	166.6620, -17.0884, 67.8254
Hunter-Lab	61.6215, 37.0711, 17.6008

Details

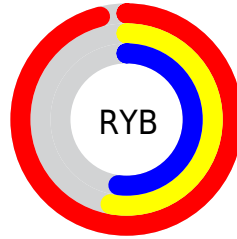
The CIELCh color **68, 46.137, 25.548** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 32.869, 199.169**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 25.832, 26.060**, and **48, 45.859, 25.542** is the 20% darker color. If you saturate the color by 10%, you get **63, 57.835, 27.589**, and if you desaturate by 10%, it is **74, 34.863, 23.992**.

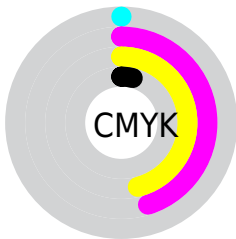
Distribution



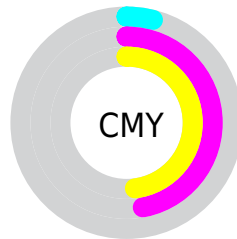
- Red (96%)
- Green (53%)
- Blue (52%)



- Red (96%)
- Yellow (53%)
- Blue (52%)



- Cyan (0%)
- Magenta (45%)
- Yellow (46%)
- Black (4%)



- Cyan (4%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 46.137, 25.548 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 68, 46.137, 25.548 by changing the saturation by 10% instead.

 68, 46.137, 25.548

 68, 46.137, 25.548

 100, 46.137,
25.548

 58, 46.137, 25.548

 88, 46.137, 25.548

 48, 46.137, 25.548

 98, 46.137, 25.548

 38, 46.137, 25.548

 28, 46.137, 25.548

 18, 46.137, 25.548

 8, 46.137, 25.548

 0, 46.137, 25.548

 68, 46.137, 25.548

 68, 46.137, 25.548

 63, 57.835, 27.589

 74, 34.863, 23.992

■ 59, 69.651, 30.189

■ 80, 24.216, 22.804

■ 55, 81.119, 33.333

■ 86, 14.286, 21.892

■ 53, 91.437, 36.689

■ 92, 5.089, 21.130

■ 51, 98.843, 39.297

■ 99, 3.404, 200.923

■ 51, 100.937,
40.133

■ 99, 3.782, 199.341

Harmonies

Complementary

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



68, 46.137, 25.548



89, 32.869, 199.169

Rectangle

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



68, 46.137, 25.548



68, 46.137, 75.548



68, 46.137, 205.548



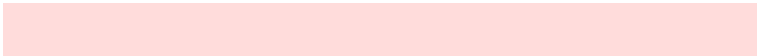
68, 46.137, 255.548

Sweetspot

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



68, 46.134, 25.551



91, 12.941, 21.744



71, 68.659, 327.353



47, 9.012, 21.916



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 46.134, 25.551



66, 58.855, 27.414



81, 38.654, 71.293



48, 4.990, 21.402



39, 82.300, 40.187



8, 30.628, 25.954

Inverse Universe

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



89, 32.869, 199.169



92, 38.721, 198.991



74, 34.306, 265.724



50, 4.696, 200.545



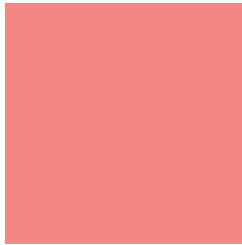
68, 38.572, 199.217



21, 17.206, 198.834

Previews

White Background



This preview shows how the CIELCh color 68, 46.137, 25.548 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 68, 46.137, 25.548 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 68, 46.137, 25.548

Background



This preview shows how black text looks on a background with the CIELCh color 68, 46.137, 25.548.

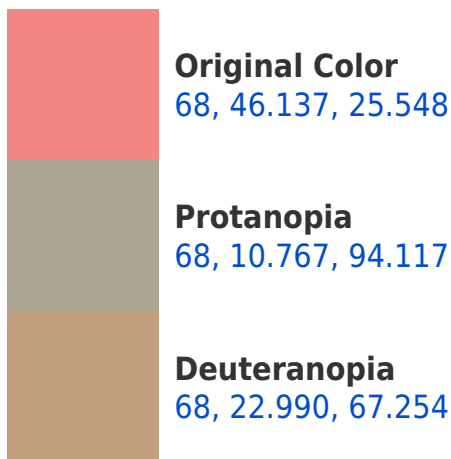


This preview shows how white text looks on a background with the CIELCh color 68, 46.137, 25.548.

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
68, 45.857, 18.449

Trichromacy



Original Color
68, 46.137, 25.548



Protanomaly
67, 19.724, 40.276



Deuteranomaly
68, 29.426, 44.277



Tritanomaly
68, 46.189, 21.109

Monochromacy



Original Color
68, 46.137, 25.548



Achromatopsia
68, 0.008, 296.813



Achromatomaly
68, 15.959, 22.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 46.137, 25.548 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, 134, 132)` looks like.

```
.text, #text, p{  
    color:rgb(244, 134, 132)  
}
```

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, 134, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 134, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 46.137, 25.548 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, 134, 132) }
```

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

```
.border{ border-color:rgb(244, 134, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 134, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 134, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 134, 132);  
box-shadow:4px 4px 4px 4px rgb(244, 134,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 46.137, 25.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 134, 132) }
```

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

```
.background{ background-color: rgb(244,  
134, 132) }
```

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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