

Converting Colors

CIELCh(69, 50.957, 24.324)

Have a look what the booklet for
CIELCh(69, 50.957, 24.324) contains.

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Color

CIELCh(69, 50.814, 24.251)

Conversions

Conversions Part 1

Format	Color
Hex	FE8485
RGB	254, 132, 133
RGB Percent	100%, 52%, 52%
CMY	0.0032, 0.4817, 0.4779
CMYK	0.00, 0.48, 0.48, 0.00
HSL	360°, 99%, 76%
HSV	360°, 48%, 100%
XYZ	53.4516, 39.3444, 27.0194
YIQ	168.5920, 72.3910, 26.1750

Conversions

Conversions Part 2

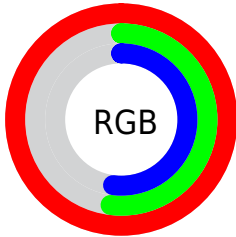
Format	Color
R_{YB}	254, 132, 133
Decimal	16680069
CIE _{Lab}	69.00, 46.33, 20.87
CIE _{LCh}	69, 50.814, 24.251
Yxy	39.3444, 0.4461, 0.3284
Android (android.graphics.Color)	4294870149 (0xFFFE8485)
YUV	168.5920, -17.5469, 74.9028
Hunter-Lab	62.7251, 42.3411, 18.3679

Details

The CIELCh color **69, 50.814, 24.251** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 35.896, 196.385**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 26.431, 22.674**, and **49, 50.543, 24.089** is the 20% darker color. If you saturate the color by 10%, you get **64, 62.935, 26.582**, and if you desaturate by 10%, it is **75, 38.987, 22.462**.

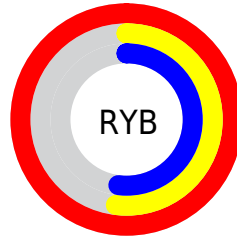
Distribution



Red (100%)

Green (52%)

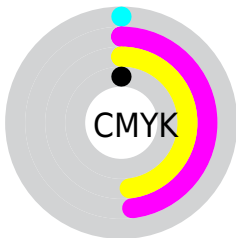
Blue (52%)



Red (100%)

Yellow (52%)

Blue (52%)

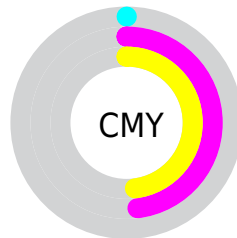


Cyan (0%)

Magenta (48%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 50.814, 24.251 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, 50.814, 24.251 by changing the saturation by 10% instead.

 69, 50.814, 24.251

 69, 50.814, 24.251

 100, 50.814,
24.251

 59, 50.814, 24.251

 89, 50.814, 24.251

 49, 50.814, 24.251

 99, 50.814, 24.251

 39, 50.814, 24.251

 29, 50.814, 24.251

 19, 50.814, 24.251

 9, 50.814, 24.251

 0, 50.814, 24.251

 69, 50.814, 24.251

 69, 50.814, 24.251

 64, 62.935, 26.582

 75, 38.987, 22.462

■ 60, 74.980, 29.534

■ 81, 27.721, 21.088

■ 56, 86.433, 33.057

■ 87, 17.153, 20.027

■ 54, 96.401, 36.714

■ 94, 7.332, 19.166

■ 53, 102.996,
39.380

100, 0.287,
201.695

■ 53, 103.993,
39.775

Harmonies

Complementary

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



69, 50.814, 24.251



93, 35.896, 196.385

Rectangle

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



69, 50.814, 24.251



69, 50.814, 74.251



69, 50.814, 204.251



69, 50.814, 254.251

Sweetspot

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



69, 50.811, 24.254



90, 13.166, 19.666



73, 74.472, 326.474



47, 9.166, 19.857



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, 50.811, 24.254



64, 63.097, 26.584



82, 41.567, 67.676



49, 5.253, 19.290



40, 83.857, 39.679



10, 33.300, 26.855

Inverse Universe

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



69, 50.811, 24.254



64, 63.097, 26.584



77, 35.546, 262.604



49, 5.253, 19.290



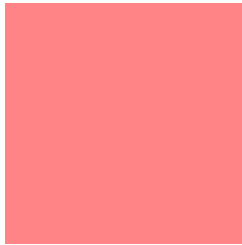
40, 83.857, 39.679



10, 33.300, 26.855

Previews

White Background



This preview shows how the CIELCh color 69, 50.814, 24.251 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, 50.814, 24.251 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, 50.814, 24.251

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.814, 24.251.



This preview shows how white text looks on a background with the CIELCh color 69, 50.814, 24.251.

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, 50.814, 24.251

Protanopia

69, 9.807, 90.414

Deuteranopia

69, 24.490, 68.800



Tritanopia
69, 50.801, 19.667

Trichromacy



Original Color
69, 50.814, 24.251



Protanomaly
68, 20.872, 36.182



Deuteranomaly
69, 31.389, 42.894



Tritanomaly
69, 50.988, 20.863

Monochromacy



Original Color
69, 50.814, 24.251



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 17.518, 21.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 50.814, 24.251 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(254, 132, 133)` looks like.

```
.text, #text, p{  
    color:rgb(254, 132, 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(254, 132, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 132, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.814, 24.251 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(254, 132, 133) }
```

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

```
.border{ border-color:rgb(254, 132, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 132, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 132, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 132, 133);  
box-shadow:4px 4px 4px 4px rgb(254, 132,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.814, 24.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 132, 133) }
```

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

```
.background{ background-color: rgb(254,  
132, 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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