

Converting Colors

CIELCh(67, 51.602, 23.314)

Have a look what the booklet for
CIELCh(67, 51.602, 23.314) contains.

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Color

CIELCh(67, 51.345, 23.360)

Conversions

Conversions Part 1

Format	Color
Hex	F97E81
RGB	249, 126, 129
RGB Percent	98%, 49%, 51%
CMY	0.0237, 0.5060, 0.4942
CMYK	0.00, 0.49, 0.48, 0.02
HSL	359°, 91%, 74%
HSV	359°, 49%, 98%
XYZ	50.4726, 36.6320, 25.1698
YIQ	163.1190, 72.3450, 27.0090

Conversions

Conversions Part 2

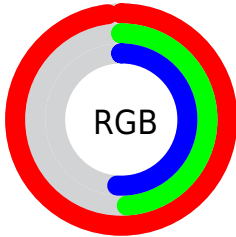
Format	Color
R_{YB}	249, 126, 129
Decimal	16350849
CIE _{Lab}	67.00, 47.14, 20.36
CIE _{LCh}	67, 51.345, 23.360
Yxy	36.6320, 0.4495, 0.3263
Android (android.graphics.Color)	4294540929 (0xFFFF97E81)
YUV	163.1190, -16.8207, 75.3176
Hunter-Lab	60.5244, 42.9374, 17.7106

Details

The CIELCh color **67, 51.345, 23.360** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 36.286, 194.662**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.888, 20.798**, and **47, 51.073, 23.416** is the 20% darker color. If you saturate the color by 10%, you get **62, 63.112, 25.808**, and if you desaturate by 10%, it is **73, 39.779, 21.471**.

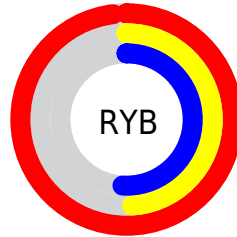
Distribution



Red (98%)

Green (49%)

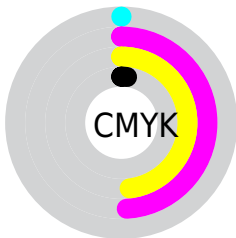
Blue (51%)



Red (98%)

Yellow (49%)

Blue (51%)

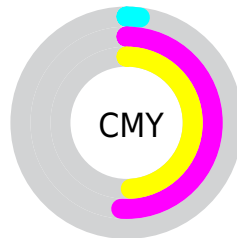


Cyan (0%)

Magenta (49%)

Yellow (48%)

Black (2%)



Cyan (2%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 51.345, 23.360 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, 51.345, 23.360 by changing the saturation by 10% instead.

67, 51.345, 23.360

67, 51.345, 23.360

100, 51.345,
23.360

57, 51.345, 23.360

87, 51.345, 23.360

47, 51.345, 23.360

97, 51.345, 23.360

37, 51.345, 23.360

27, 51.345, 23.360

17, 51.345, 23.360

7, 51.345, 23.360

0, 51.345, 23.360

67, 51.345, 23.360

67, 51.345, 23.360

62, 63.112, 25.808

73, 39.779, 21.471

■ 58, 74.709, 28.894

■ 79, 28.696, 20.013

■ 55, 85.646, 32.568

■ 85, 18.252, 18.879

■ 53, 95.110, 36.389

■ 92, 8.513, 17.962

■ 52, 101.439,
39.197

■ 98, 0.522, 198.588

■ 52, 101.732,
39.313

■ 100, 2.093,
199.589

Harmonies

Complementary

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



67, 51.345, 23.360



91, 36.286, 194.662

Rectangle

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



67, 51.345, 23.360



67, 51.345, 73.360



67, 51.345, 203.360



67, 51.345, 253.360

Sweetspot

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



67, 51.342, 23.363



90, 14.153, 18.458



70, 74.918, 326.029



46, 9.733, 18.656



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, 51.342, 23.363



64, 63.879, 25.718



79, 42.056, 65.832



49, 5.166, 17.971



39, 82.302, 39.036



9, 32.017, 25.168

Inverse Universe

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



67, 51.342, 23.363



64, 63.879, 25.718



75, 35.213, 261.016



49, 5.166, 17.971



39, 82.302, 39.036



9, 32.017, 25.168

Previews

White Background



This preview shows how the CIELCh color 67, 51.345, 23.360 looks on a white background.

Color Contrast Check

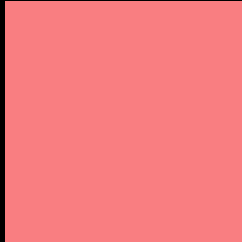
Large Text (above 18pt) WCAG AA × Fail

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, 51.345, 23.360 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, 51.345, 23.360

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.345, 23.360.



This preview shows how white text looks on a background with the CIELCh color 67, 51.345, 23.360.

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, 51.345, 23.360

Protanopia

67, 9.215, 91.715

Deuteranopia

67, 23.648, 69.514



Tritanopia
67, 51.150, 19.914

Trichromacy



Original Color
67, 51.345, 23.360



Protanomaly
66, 21.029, 36.202



Deuteranomaly
67, 30.958, 42.305



Tritanomaly
67, 51.348, 21.108

Monochromacy



Original Color
67, 51.345, 23.360



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 17.621, 19.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.345, 23.360 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(249, 126, 129)` looks like.

```
.text, #text, p{  
    color:rgb(249, 126, 129)  
}
```

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(249, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 126, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.345, 23.360 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(249, 126, 129) }
```

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

```
.border{ border-color:rgb(249, 126, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 126, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 126, 129);  
box-shadow:4px 4px 4px 4px rgb(249, 126,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.345, 23.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 126, 129) }
```

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

```
.background{ background-color: rgb(249,  
126, 129) }
```

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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