

Converting Colors

CIELCh(67, 33.768, 21.464)

Have a look what the booklet for
CIELCh(67, 33.768, 21.464) contains.

CIELCh(67, 33.721, 21.925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 33.721, 21.925)

Conversions

Conversions Part 1

Format	Color
Hex	DF8D8E
RGB	223, 141, 142
RGB Percent	87%, 55%, 56%
CMY	0.1260, 0.4475, 0.4436
CMYK	0.00, 0.37, 0.36, 0.13
HSL	359°, 56%, 71%
HSV	359°, 37%, 87%
XYZ	44.7727, 36.6320, 30.2569
YIQ	165.6320, 48.5510, 17.6950

Conversions

Conversions Part 2

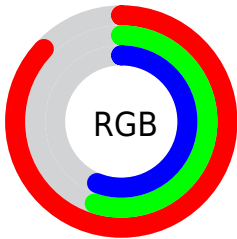
Format	Color
R _Y B	223, 141, 142
Decimal	14650766
CIE Lab	67.00, 31.28, 12.59
CIE LCh	67, 33.721, 21.925
Yxy	36.6320, 0.4010, 0.3281
Android (android.graphics.Color)	4292840846 (0xFFDF8D8E)
YUV	165.6320, -11.6506, 50.3117
Hunter-Lab	60.5244, 26.1273, 12.7272

Details

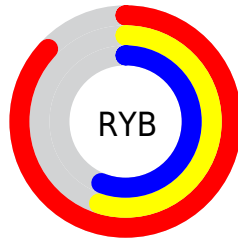
The CIELCh color **67, 33.721, 21.925** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 26.188, 196.464**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 22.941, 19.915**, and **47, 33.317, 22.158** is the 20% darker color. If you saturate the color by 10%, you get **62, 44.257, 23.647**, and if you desaturate by 10%, it is **73, 23.694, 20.608**.

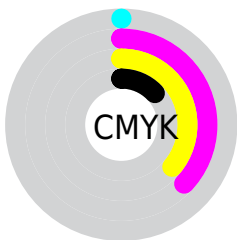
Distribution



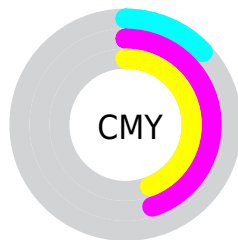
- Red (87%)
- Green (55%)
- Blue (56%)



- Red (87%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (37%)
- Yellow (36%)
- Black (13%)



- Cyan (13%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 33.721, 21.925 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, 33.721, 21.925 by changing the saturation by 10% instead.

67, 33.721, 21.925

67, 33.721, 21.925

100, 33.721,
21.925

57, 33.721, 21.925

87, 33.721, 21.925

47, 33.721, 21.925

97, 33.721, 21.925

37, 33.721, 21.925

27, 33.721, 21.925

17, 33.721, 21.925

7, 33.721, 21.925

0, 33.721, 21.925

67, 33.721, 21.925

67, 33.721, 21.925

62, 44.257, 23.647

73, 23.694, 20.608

■ 57, 55.097, 25.875

■ 79, 14.295, 19.579

■ 53, 65.920, 28.712

■ 85, 5.559, 18.726

■ 50, 76.303, 32.148

■ 91, 2.532, 198.450

■ 48, 85.576, 35.860

■ 97, 10.022,
197.781

■ 47, 92.291, 38.885

■ 98, 10.869,
198.781

■ 47, 93.941, 39.602

Harmonies

Complementary

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



67, 33.721, 21.925



84, 26.188, 196.464

Rectangle

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



67, 33.721, 21.925



67, 33.721, 71.925



67, 33.721, 201.925



67, 33.721, 251.925

Sweetspot

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



67, 33.719, 21.929



92, 10.222, 19.083



69, 52.180, 325.935



48, 6.905, 19.198



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, 33.719, 21.929



71, 46.093, 23.182



76, 27.824, 69.100



44, 4.727, 18.948



36, 78.577, 39.456



6, 25.511, 20.429

Inverse Universe

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



67, 33.719, 21.929



71, 46.093, 23.182



73, 24.785, 259.709



44, 4.727, 18.948



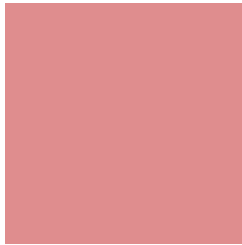
36, 78.577, 39.456



6, 25.511, 20.429

Previews

White Background



This preview shows how the CIELCh color 67, 33.721, 21.925 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 67, 33.721, 21.925 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, 33.721, 21.925

Background



This preview shows how black text looks on a background with the CIELCh color 67, 33.721, 21.925.



This preview shows how white text looks on a background with the CIELCh color 67, 33.721, 21.925.

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, 33.721, 21.925

Protanopia

67, 5.965, 86.437

Deuteranopia

67, 16.222, 57.581



Tritanopia
67, 34.175, 13.950

Trichromacy



Original Color
67, 33.721, 21.925

Protanomaly
67, 14.079, 34.050

Deuteranomaly
67, 21.612, 37.276

Tritanomaly
67, 34.233, 16.674

Monochromacy



Original Color
67, 33.721, 21.925

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 11.814, 20.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 33.721, 21.925 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(223, 141, 142)` looks like.

```
.text, #text, p{  
    color:rgb(223, 141, 142)  
}
```

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(223, 141, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 141, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 33.721, 21.925 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(223, 141, 142) }
```

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

```
.border{ border-color:rgb(223, 141, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 141, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 141, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 141, 142);  
box-shadow:4px 4px 4px 4px rgb(223, 141,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 33.721, 21.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 141, 142) }
```

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

```
.background{ background-color: rgb(223,  
141, 142) }
```

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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