

Converting Colors

CIELCh(67, 36.299, 23.924)

Have a look what the booklet for
CIELCh(67, 36.299, 23.924) contains.

CIELCh(67, 36.528, 23.975)	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, 36.528, 23.975)

Conversions

Conversions Part 1

Format	Color
Hex	E38B8A
RGB	227, 139, 138
RGB Percent	89%, 55%, 54%
CMY	0.1098, 0.4549, 0.4588
CMYK	0.00, 0.39, 0.39, 0.11
HSL	1°, 61%, 72%
HSV	1°, 39%, 89%
XYZ	45.4997, 36.6320, 28.7178
YIQ	165.1980, 52.7690, 18.3450

Conversions

Conversions Part 2

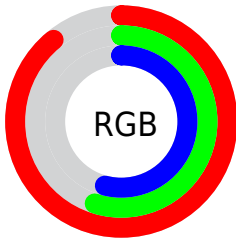
Format	Color
R_{YB}	227, 139, 138
Decimal	14912394
CIE _{Lab}	67.00, 33.38, 14.84
CIE _{LCh}	67, 36.528, 23.975
Yxy	36.6320, 0.4105, 0.3305
Android (android.graphics.Color)	4293102474 (0xFFE38B8A)
YUV	165.1980, -13.4086, 54.2004
Hunter-Lab	60.5244, 28.2713, 14.2349

Details

The CIELCh color **67, 36.528, 23.975** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85, 27.591, 198.671**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 23.952, 23.766**, and **47, 36.736, 23.810** is the 20% darker color. If you saturate the color by 10%, you get **62, 47.343, 25.713**, and if you desaturate by 10%, it is **73, 26.236, 22.655**.

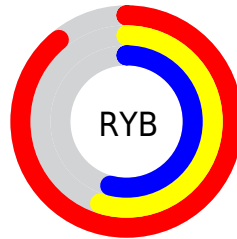
Distribution



Red (89%)

Green (55%)

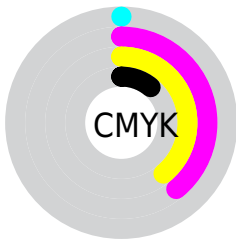
Blue (54%)



Red (89%)

Yellow (55%)

Blue (54%)

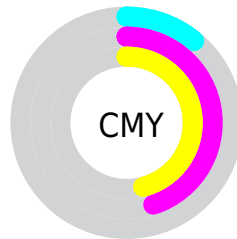


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 36.528, 23.975 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, 36.528, 23.975 by changing the saturation by 10% instead.

67, 36.528, 23.975

67, 36.528, 23.975

100, 36.528,
23.975

57, 36.528, 23.975

87, 36.528, 23.975

47, 36.528, 23.975

97, 36.528, 23.975

37, 36.528, 23.975

27, 36.528, 23.975

17, 36.528, 23.975

7, 36.528, 23.975

0, 36.528, 23.975

67, 36.528, 23.975

67, 36.528, 23.975

62, 47.343, 25.713

73, 26.236, 22.655

■ 57, 58.464, 27.964

■ 78, 16.595, 21.640

■ 53, 69.549, 30.800

■ 85, 7.644, 20.831

■ 50, 80.100, 34.136

■ 91, 0.632, 201.285

■ 48, 89.180, 37.482

■ 97, 8.278, 199.938

■ 48, 95.195, 39.902

■ 98, 9.513, 198.874

■ 47, 95.630, 40.092

Harmonies

Complementary

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



67, 36.528, 23.975



85, 27.591, 198.671

Rectangle

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



67, 36.528, 23.975



67, 36.528, 73.975



67, 36.528, 203.975



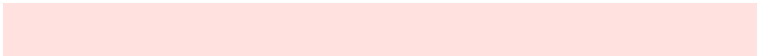
67, 36.528, 253.975

Sweetspot

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



67, 36.526, 23.979



92, 11.075, 21.050



70, 56.523, 326.542



48, 7.385, 21.153



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, 36.526, 23.979



70, 49.410, 25.346



77, 30.472, 70.509



45, 4.763, 20.851



37, 79.827, 40.099



6, 26.887, 22.322

Inverse Universe

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



85, 27.591, 198.671



93, 34.900, 198.433



73, 27.237, 262.167



47, 4.485, 199.958



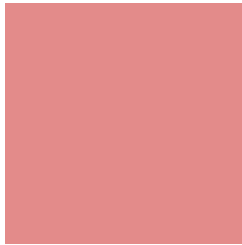
65, 37.736, 198.146



18, 15.874, 197.871

Previews

White Background



This preview shows how the CIELCh color 67, 36.528, 23.975 looks on a white background.

Color Contrast Check

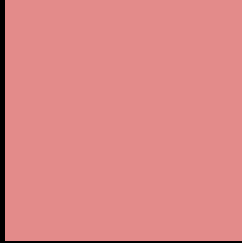
Large Text (above 18pt) WCAG AA × Fail

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, 36.528, 23.975 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, 36.528, 23.975

Background



This preview shows how black text looks on a background with the CIELCh color 67, 36.528, 23.975.

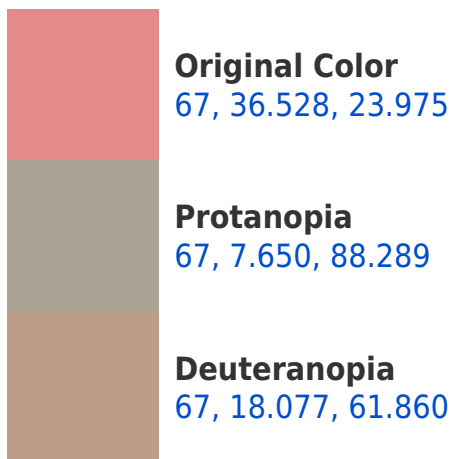


This preview shows how white text looks on a background with the CIELCh color 67, 36.528, 23.975.

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](#).

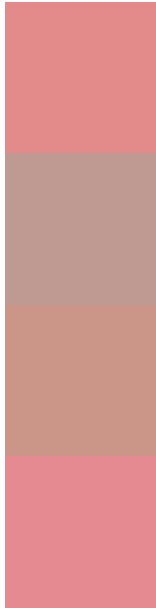
Dichromacy





Tritanopia
67, 36.679, 14.904

Trichromacy



Original Color
67, 36.528, 23.975

Protanomaly
67, 15.666, 36.883

Deuteranomaly
67, 23.546, 40.152

Tritanomaly
67, 36.825, 18.278

Monochromacy



Original Color
67, 36.528, 23.975

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 12.683, 23.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 36.528, 23.975 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(227, 139, 138)` looks like.

```
.text, #text, p{  
    color:rgb(227, 139, 138)  
}
```

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(227, 139, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 139, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 36.528, 23.975 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(227, 139, 138) }
```

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

```
.border{ border-color:rgb(227, 139, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 139, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 139, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 139, 138); box-shadow:4px 4px 4px 4px rgb(227, 139, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 36.528, 23.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 139, 138) }
```

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

```
.background{ background-color: rgb(227,  
139, 138) }
```

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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