

Converting Colors

CIELCh(68, 27.661, 35.356)

Have a look what the booklet for
CIELCh(68, 27.661, 35.356) contains.

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Color

CIELCh(68, 27.618, 35.348)

Conversions

Conversions Part 1

Format	Color
Hex	D6968A
RGB	214, 150, 138
RGB Percent	84%, 59%, 54%
CMY	0.1606, 0.4115, 0.4586
CMYK	0.00, 0.30, 0.36, 0.16
HSL	9°, 48%, 69%
HSV	9°, 36%, 84%
XYZ	43.2555, 37.9720, 29.1151
YIQ	167.7680, 41.9960, 9.8360

Conversions

Conversions Part 2

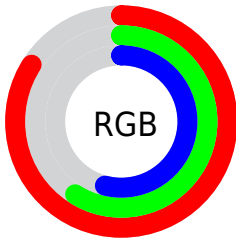
Format	Color
R _Y B	214, 152, 138
Decimal	14063242
CIE Lab	68.00, 22.53, 15.98
CIE LCh	68, 27.618, 35.348
Yxy	37.9720, 0.3920, 0.3441
Android (android.graphics.Color)	4292253322 (0xFFD6968A)
YUV	167.7680, -14.6756, 40.5455
Hunter-Lab	61.6215, 17.4615, 15.1215

Details

The CIELCh color **68, 27.618, 35.348** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 21.341, 215.705**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 20.766, 41.131**, and **48, 27.357, 35.916** is the 20% darker color. If you saturate the color by 10%, you get **63, 36.865, 35.968**, and if you desaturate by 10%, it is **73, 19.026, 34.960**.

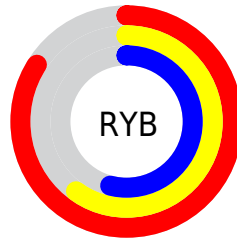
Distribution



Red (84%)

Green (59%)

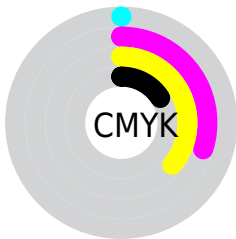
Blue (54%)



Red (84%)

Yellow (60%)

Blue (54%)

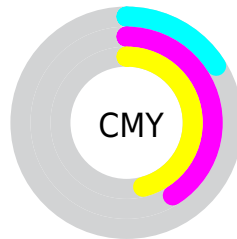


Cyan (0%)

Magenta (30%)

Yellow (36%)

Black (16%)



Cyan (16%)

Magenta (41%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 27.618, 35.348 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, 27.618, 35.348 by changing the saturation by 10% instead.

68, 27.618, 35.348

68, 27.618, 35.348

100, 27.618,
35.348

58, 27.618, 35.348

88, 27.618, 35.348

48, 27.618, 35.348

98, 27.618, 35.348

38, 27.618, 35.348

28, 27.618, 35.348

18, 27.618, 35.348

8, 27.618, 35.348

0, 27.618, 35.348

68, 27.618, 35.348

68, 27.618, 35.348

63, 36.865, 35.968

73, 19.026, 34.960

59, 46.723, 36.852

78, 11.091, 34.732

55, 57.049, 38.033

83, 3.778, 34.562

52, 67.543, 39.469

88, 2.965, 214.945

49, 77.551, 40.933

93, 9.195, 214.923

47, 85.655, 41.803

97, 13.712,
198.591

46, 88.632, 42.151

Harmonies

Complementary

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



68, 27.618, 35.348



78, 21.341, 215.705

Rectangle

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



68, 27.618, 35.348



68, 27.618, 85.348



68, 27.618, 215.348



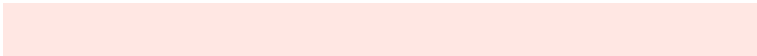
68, 27.618, 265.348

Sweetspot

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



68, 27.616, 35.353



94, 8.904, 34.665



67, 44.279, 331.020



49, 6.017, 34.685



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, 27.616, 35.353



76, 39.818, 35.819



77, 28.624, 85.128



42, 3.960, 34.640



37, 74.576, 42.457



6, 19.907, 28.180

Inverse Universe

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



78, 21.341, 215.705



89, 28.723, 216.233



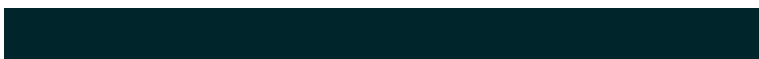
67, 28.198, 275.570



44, 3.729, 214.893



55, 32.258, 226.187



12, 12.746, 220.049

Previews

White Background



This preview shows how the CIELCh color 68, 27.618, 35.348 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, 27.618, 35.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

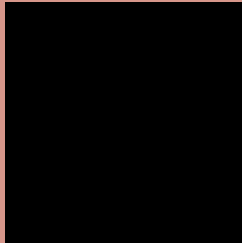
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 27.618, 35.348

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.618, 35.348.



This preview shows how white text looks on a background with the CIELCh color 68, 27.618, 35.348.

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


68, 27.618, 35.348

Protanopia

68, 11.403, 92.794

Deuteranopia

68, 18.807, 64.141



Tritanopia
68, 27.949, 9.965

Trichromacy



Original Color
68, 27.618, 35.348

Protanomaly
68, 15.125, 57.977

Deuteranomaly
68, 21.215, 49.882

Tritanomaly
68, 27.081, 18.650

Monochromacy



Original Color
68, 27.618, 35.348

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 9.700, 33.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.618, 35.348 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(214, 150, 138)` looks like.

```
.text, #text, p{  
    color:rgb(214, 150, 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(214, 150, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 150, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.618, 35.348 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(214, 150, 138) }
```

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

```
.border{ border-color:rgb(214, 150, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 150, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 150, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 150, 138);  
box-shadow:4px 4px 4px 4px rgb(214, 150,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.618, 35.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 150, 138) }
```

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

```
.background{ background-color: rgb(214,  
150, 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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