

Converting Colors

CIELCh(68, 27.204, 35.526)

Have a look what the booklet for
CIELCh(68, 27.204, 35.526) contains.

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Color

CIELCh(68, 27.204, 35.526)

Conversions

Conversions Part 1

Format	Color
Hex	D5968A
RGB	213, 150, 138
RGB Percent	84%, 59%, 54%
CMY	0.1632, 0.4104, 0.4575
CMYK	0.00, 0.30, 0.35, 0.16
HSL	10°, 47%, 69%
HSV	10°, 35%, 84%
XYZ	43.1252, 37.9720, 29.2309
YIQ	167.4690, 41.4000, 9.6240

Conversions

Conversions Part 2

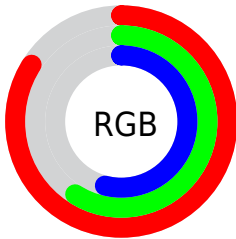
Format	Color
R _{YB}	213, 152, 138
Decimal	13997706
CIE Lab	68.00, 22.14, 15.81
CIE LCh	68, 27.204, 35.526
Yxy	37.9720, 0.3909, 0.3442
Android (android.graphics.Color)	4292187786 (0xFFD5968A)
YUV	167.4690, -14.5282, 39.9307
Hunter-Lab	61.6215, 17.0840, 15.0101

Details

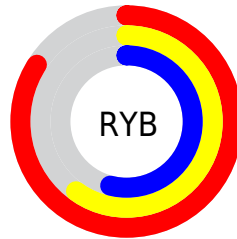
The CIELCh color **68, 27.204, 35.526** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 21.086, 215.961**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 20.947, 39.500**, and **48, 27.357, 35.916** is the 20% darker color. If you saturate the color by 10%, you get **63, 36.393, 36.123**, and if you desaturate by 10%, it is **73, 18.669, 35.158**.

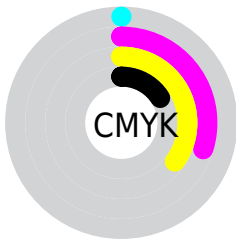
Distribution



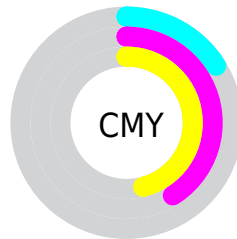
- Red (84%)
- Green (59%)
- Blue (54%)



- Red (84%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (35%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 27.204, 35.526 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, 27.204, 35.526 by changing the saturation by 10% instead.

68, 27.204, 35.526

68, 27.204, 35.526

100, 27.204,
35.526

58, 27.204, 35.526

88, 27.204, 35.526

48, 27.204, 35.526

98, 27.204, 35.526

38, 27.204, 35.526

28, 27.204, 35.526

18, 27.204, 35.526

8, 27.204, 35.526

0, 27.204, 35.526

68, 27.204, 35.526

68, 27.204, 35.526

63, 36.393, 36.123

73, 18.669, 35.158

59, 46.194, 36.979

78, 10.789, 34.946

55, 56.473, 38.129

83, 3.526, 34.780

52, 66.937, 39.534

88, 3.172, 215.173

49, 76.955, 40.977

93, 9.361, 215.174

47, 85.147, 41.856

97, 13.929,
198.577

46, 88.352, 42.205

Harmonies

Complementary

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



68, 27.204, 35.526



77, 21.086, 215.961

Rectangle

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



68, 27.204, 35.526



68, 27.204, 85.526



68, 27.204, 215.526



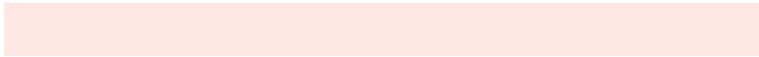
68, 27.204, 265.526

Sweetspot

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



68, 27.202, 35.532



94, 8.891, 34.888



67, 43.755, 330.998



49, 6.008, 34.907



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, 27.202, 35.532



76, 38.678, 35.936



77, 28.267, 85.176



42, 3.954, 34.865



37, 74.520, 42.511



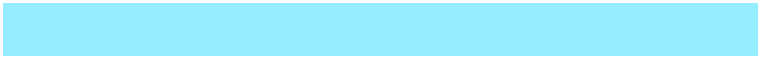
6, 19.881, 28.306

Inverse Universe

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



77, 21.086, 215.961



89, 28.159, 216.445



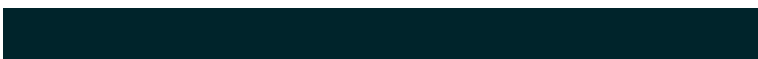
67, 27.849, 275.497



44, 3.724, 215.137



55, 32.254, 226.645



12, 12.737, 220.413

Previews

White Background



This preview shows how the CIELCh color 68, 27.204, 35.526 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, 27.204, 35.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

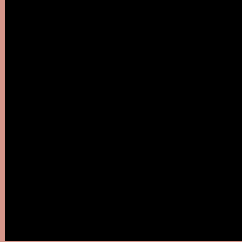
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.204, 35.526

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.204, 35.526.

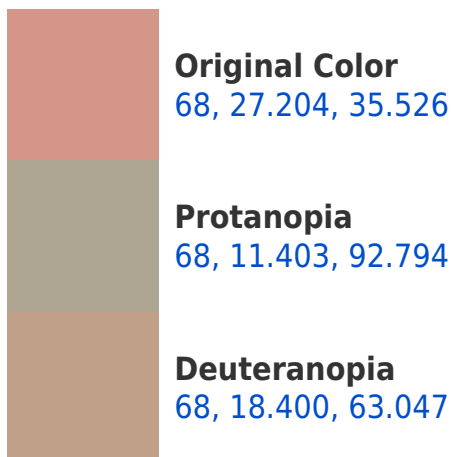


This preview shows how white text looks on a background with the CIELCh color 68, 27.204, 35.526.

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
68, 27.610, 8.618

Trichromacy



Original Color
68, 27.204, 35.526

Protanomaly
68, 14.798, 58.949

Deuteranomaly
68, 21.215, 49.882

Tritanomaly
68, 26.669, 18.553

Monochromacy



Original Color
68, 27.204, 35.526

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 9.462, 36.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.204, 35.526 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(213, 150, 138)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 150, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 150, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.204, 35.526 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(213, 150, 138) }
```

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

```
.border{ border-color:rgb(213, 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(213, 150, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 150, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 150, 138);  
box-shadow:4px 4px 4px 4px rgb(213, 150,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.204, 35.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 150, 138) }
```

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

```
.background{ background-color: rgb(213,  
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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