

Converting Colors

CIELCh(68, 25.778, 16.602)

Have a look what the booklet for
CIELCh(68, 25.778, 16.602) contains.

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Color

CIELCh(68, 25.781, 17.135)

Conversions

Conversions Part 1

Format	Color
Hex	D59599
RGB	213, 149, 153
RGB Percent	84%, 58%, 60%
CMY	0.1644, 0.4154, 0.3998
CMYK	0.00, 0.30, 0.28, 0.16
HSL	356°, 43%, 71%
HSV	356°, 30%, 84%
XYZ	43.9714, 37.9720, 35.1751
YIQ	168.5920, 36.8600, 14.8120

Conversions

Conversions Part 2

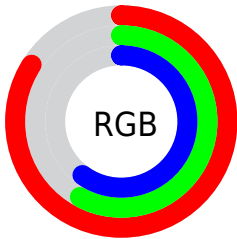
Format	Color
R _Y B	213, 149, 153
Decimal	13997465
CIE Lab	68.00, 24.64, 7.60
CIE LCh	68, 25.781, 17.135
Yxy	37.9720, 0.3754, 0.3242
Android (android.graphics.Color)	4292187545 (0xFFD59599)
YUV	168.5920, -7.6869, 38.9458
Hunter-Lab	61.6215, 19.5351, 9.2908

Details

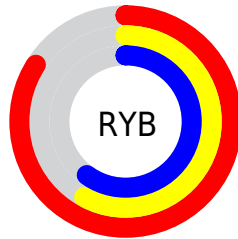
The CIELCh color **68, 25.781, 17.135** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 21.515, 192.180**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 19.216, 16.231**, and **48, 25.664, 17.719** is the 20% darker color. If you saturate the color by 10%, you get **63, 35.412, 18.667**, and if you desaturate by 10%, it is **74, 16.632, 15.929**.

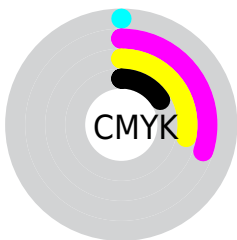
Distribution



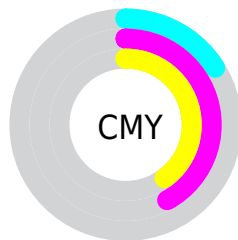
- Red (84%)
- Green (58%)
- Blue (60%)



- Red (84%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (16%)



- Cyan (16%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 25.781, 17.135 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, 25.781, 17.135 by changing the saturation by 10% instead.

68, 25.781, 17.135

68, 25.781, 17.135

100, 25.781,
17.135

58, 25.781, 17.135

88, 25.781, 17.135

48, 25.781, 17.135

98, 25.781, 17.135

38, 25.781, 17.135

28, 25.781, 17.135

18, 25.781, 17.135

8, 25.781, 17.135

0, 25.781, 17.135

68, 25.781, 17.135

68, 25.781, 17.135

63, 35.412, 18.667

74, 16.632, 15.929

■ 58, 45.376, 20.620

■ 79, 8.044, 14.937

■ 53, 55.419, 23.123

■ 85, 0.032, 356.410

■ 50, 65.218, 26.285

■ 91, 7.430, 193.672

■ 47, 74.413, 30.111

■ 97, 14.146,
194.276

■ 45, 82.546, 34.312

■ 97, 14.029,
198.570

■ 44, 88.792, 37.895

Harmonies

Complementary

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



68, 25.781, 17.135



81, 21.515, 192.180

Rectangle

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



68, 25.781, 17.135



68, 25.781, 67.135



68, 25.781, 197.135



68, 25.781, 247.135

Sweetspot

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



68, 25.779, 17.140



94, 8.317, 14.849



69, 40.738, 324.141



49, 5.809, 14.986



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, 25.779, 17.140



76, 36.452, 18.063



75, 21.171, 64.550



42, 4.558, 14.880



35, 74.795, 37.338



5, 21.965, 16.983

Inverse Universe

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



68, 25.779, 17.140



76, 36.452, 18.063



74, 18.804, 252.290



42, 4.558, 14.880



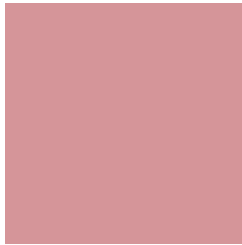
35, 74.795, 37.338



5, 21.965, 16.983

Previews

White Background



This preview shows how the CIELCh color 68, 25.781, 17.135 looks on a white background.

Color Contrast Check

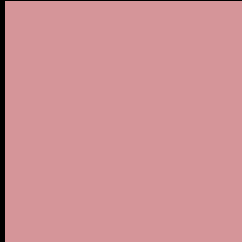
Large Text (above 18pt) WCAG AA × Fail

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, 25.781, 17.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

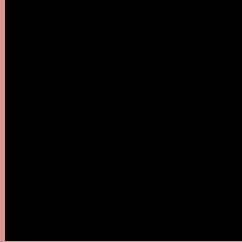
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 25.781, 17.135

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.781, 17.135.

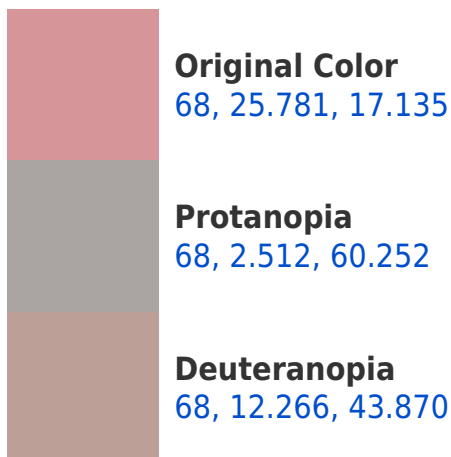


This preview shows how white text looks on a background with the CIELCh color 68, 25.781, 17.135.

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, 26.736, 9.244

Trichromacy



Original Color
68, 25.781, 17.135

Protanomaly
68, 10.580, 20.331

Deuteranomaly
68, 16.616, 28.390

Tritanomaly
68, 26.647, 11.562

Monochromacy



Original Color
68, 25.781, 17.135

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 8.945, 16.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.781, 17.135 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, 149, 153)` looks like.

```
.text, #text, p{  
    color:rgb(213, 149, 153)  
}
```

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, 149, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 149, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.781, 17.135 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, 149, 153) }
```

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

```
.border{ border-color:rgb(213, 149, 153) }
```

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

Here you see how a box with a 4 pixel rgb(213, 149, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 149, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 149, 153);  
box-shadow:4px 4px 4px 4px rgb(213, 149,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.781, 17.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 149, 153) }
```

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

```
.background{ background-color: rgb(213,  
149, 153) }
```

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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