

Converting Colors

CIELCh(68, 25.734, 21.915)

Have a look what the booklet for
CIELCh(68, 25.734, 21.915) contains.

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Color

CIELCh(68, 25.972, 21.916)

Conversions

Conversions Part 1

Format	Color
Hex	D59595
RGB	213, 149, 149
RGB Percent	84%, 58%, 58%
CMY	0.1634, 0.4144, 0.4145
CMYK	0.00, 0.30, 0.30, 0.16
HSL	0°, 43%, 71%
HSV	0°, 30%, 84%
XYZ	43.7869, 37.9720, 33.5862
YIQ	168.1360, 38.1440, 13.5680

Conversions

Conversions Part 2

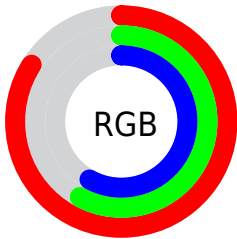
Format	Color
R _Y B	213, 149, 149
Decimal	13997461
CIE Lab	68.00, 24.10, 9.69
CIE LCh	68, 25.972, 21.916
Yxy	37.9720, 0.3796, 0.3292
Android (android.graphics.Color)	4292187541 (0xFFD59595)
YUV	168.1360, -9.4340, 39.3457
Hunter-Lab	61.6215, 19.0007, 10.8196

Details

The CIELCh color **68, 25.972, 21.916** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 21.151, 197.937**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 19.316, 22.382**, and **48, 25.960, 22.817** is the 20% darker color. If you saturate the color by 10%, you get **63, 35.872, 23.322**, and if you desaturate by 10%, it is **74, 16.668, 20.843**.

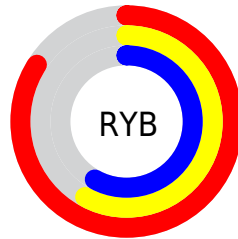
Distribution



Red (84%)

Green (58%)

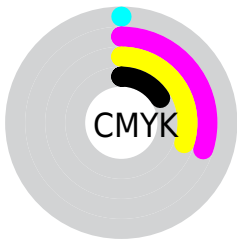
Blue (58%)



Red (84%)

Yellow (58%)

Blue (58%)

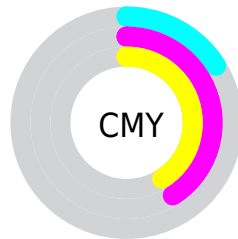


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (16%)



Cyan (16%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 25.972, 21.916 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, 25.972, 21.916 by changing the saturation by 10% instead.

68, 25.972, 21.916

68, 25.972, 21.916

100, 25.972,
21.916

58, 25.972, 21.916

88, 25.972, 21.916

48, 25.972, 21.916

98, 25.972, 21.916

38, 25.972, 21.916

28, 25.972, 21.916

18, 25.972, 21.916

8, 25.972, 21.916

0, 25.972, 21.916

68, 25.972, 21.916

68, 25.972, 21.916

63, 35.872, 23.322

74, 16.668, 20.843

■ 58, 46.242, 25.152

■ 79, 8.017, 19.986

■ 53, 56.847, 27.521

■ 85, 0.015, 335.590

■ 50, 67.346, 30.498

■ 91, 7.392, 199.002

■ 47, 77.258, 33.984

■ 97, 13.941,
198.576

■ 45, 85.672, 37.445

■ 45, 91.405, 40.001

Harmonies

Complementary

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



68, 25.972, 21.916



81, 21.151, 197.937

Rectangle

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



68, 25.972, 21.916



68, 25.972, 71.916



68, 25.972, 201.916



68, 25.972, 251.916

Sweetspot

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



68, 25.970, 21.921



94, 8.299, 19.913



70, 41.462, 326.065



49, 5.801, 20.029



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, 25.970, 21.921



76, 36.838, 22.767



76, 21.694, 71.688



42, 4.549, 19.939



35, 77.347, 39.900



5, 21.998, 19.773

Inverse Universe

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



81, 21.151, 197.937



95, 28.558, 197.669



73, 19.966, 260.135



44, 4.287, 198.984



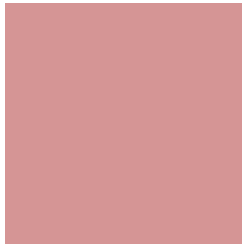
63, 37.116, 196.405



15, 14.556, 196.402

Previews

White Background



This preview shows how the CIELCh color 68, 25.972, 21.916 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 68, 25.972, 21.916 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, 25.972, 21.916

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.972, 21.916.



This preview shows how white text looks on a background with the CIELCh color 68, 25.972, 21.916.

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, 25.972, 21.916

Protanopia
68, 4.473, 78.467

Deuteranopia
68, 13.763, 51.254



Tritanopia
68, 26.736, 9.244

Trichromacy



Original Color
68, 25.972, 21.916

Protanomaly
68, 10.911, 31.852

Deuteranomaly
68, 17.627, 35.149

Tritanomaly
68, 26.607, 13.892

Monochromacy



Original Color
68, 25.972, 21.916

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 8.959, 20.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.972, 21.916 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, 149)` looks like.

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

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, 149) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 68, 25.972, 21.916 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, 149) }
```

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

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

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, 149)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 68, 25.972, 21.916 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, 149) }
```

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

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

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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