

Converting Colors

CIELCh(68, 15.959, 22.818)

Have a look what the booklet for
CIELCh(68, 15.959, 22.818) contains.

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Color

CIELCh(68, 15.938, 22.809)

Conversions

Conversions Part 1

Format	Color
Hex	C49C9B
RGB	196, 156, 155
RGB Percent	77%, 61%, 61%
CMY	0.2306, 0.3875, 0.3914
CMYK	0.00, 0.20, 0.21, 0.23
HSL	1°, 26%, 69%
HSV	1°, 21%, 77%
XYZ	40.6654, 37.9720, 36.2761
YIQ	167.8460, 24.1610, 8.1690

Conversions

Conversions Part 2

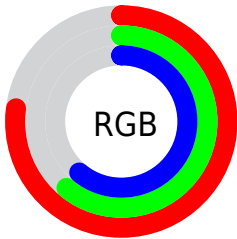
Format	Color
RYB	196, 156, 155
Decimal	12885147
CIELab	68.00, 14.69, 6.18
CIElCh	68, 15.938, 22.809
Yxy	37.9720, 0.3539, 0.3304
Android (android.graphics.Color)	4291075227 (0xFFC49C9B)
YUV	167.8460, -6.3331, 24.6911
Hunter-Lab	61.6215, 9.9587, 8.2314

Details

The CIELCh color **68, 15.938, 22.809** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 13.871, 200.633**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 15.776, 24.281**, and **48, 15.969, 23.438** is the 20% darker color. If you saturate the color by 10%, you get **63, 24.492, 23.802**, and if you desaturate by 10%, it is **73, 7.988, 22.042**.

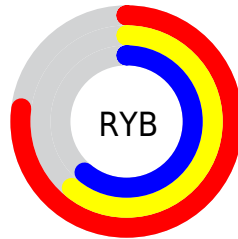
Distribution



Red (77%)

Green (61%)

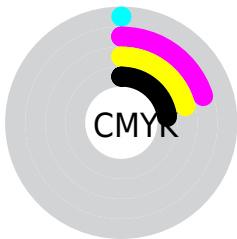
Blue (61%)



Red (77%)

Yellow (61%)

Blue (61%)

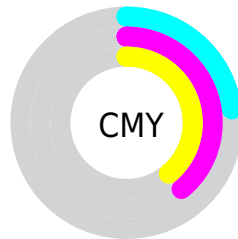


Cyan (0%)

Magenta (20%)

Yellow (21%)

Black (23%)



Cyan (23%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 15.938, 22.809 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, 15.938, 22.809 by changing the saturation by 10% instead.

68, 15.938, 22.809

68, 15.938, 22.809

100, 15.938,
22.809

58, 15.938, 22.809

88, 15.938, 22.809

48, 15.938, 22.809

98, 15.938, 22.809

38, 15.938, 22.809

28, 15.938, 22.809

18, 15.938, 22.809

8, 15.938, 22.809

0, 15.938, 22.809

68, 15.938, 22.809

68, 15.938, 22.809

63, 24.492, 23.802

73, 7.988, 22.042

58, 33.618, 25.093

79, 0.637, 20.689

53, 43.212, 26.784

84, 6.158, 201.204

49, 53.079, 28.969

90, 12.445,
200.827

46, 62.924, 31.701

95, 18.282,
200.556

44, 72.291, 34.871

42, 80.285, 37.963

96, 19.256,
198.234

41, 85.514, 40.239

Harmonies

Complementary

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



68, 15.938, 22.809



76, 13.871, 200.633

Rectangle

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



68, 15.938, 22.809



68, 15.938, 72.809



68, 15.938, 202.809



68, 15.938, 252.809

Sweetspot

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



68, 15.936, 22.816



96, 5.336, 21.696



69, 26.719, 326.024



51, 3.549, 21.746



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, 15.936, 22.816



83, 23.999, 23.227



73, 13.943, 74.582



38, 4.087, 21.933



33, 73.391, 40.059



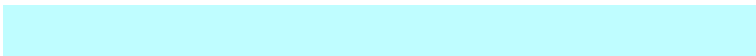
3, 13.774, 20.766

Inverse Universe

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



76, 13.871, 200.633



96, 20.211, 200.463



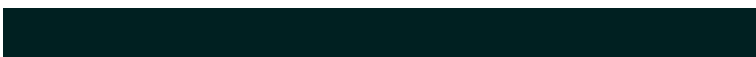
71, 13.272, 260.246



40, 3.852, 201.151



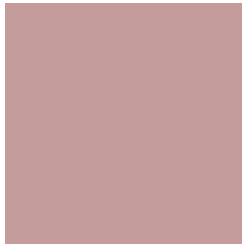
59, 34.294, 200.251



10, 12.103, 199.353

Previews

White Background



This preview shows how the CIELCh color 68, 15.938, 22.809 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, 15.938, 22.809 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, 15.938, 22.809

Background



This preview shows how black text looks on a background with the CIELCh color 68, 15.938, 22.809.



This preview shows how white text looks on a background with the CIELCh color 68, 15.938, 22.809.

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, 18.267, 0.174

Trichromacy



Original Color
68, 15.938, 22.809

Protanomaly
68, 7.368, 37.214

Deuteranomaly
68, 12.646, 32.891

Tritanomaly
68, 16.868, 7.946

Monochromacy



Original Color
68, 15.938, 22.809

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.425, 25.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 15.938, 22.809 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(196, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(196, 156, 155)  
}
```

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(196, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 156, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 15.938, 22.809 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(196, 156, 155) }
```

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

```
.border{ border-color:rgb(196, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(196, 156,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 15.938, 22.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 156, 155) }
```

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

```
.background{ background-color: rgb(196,  
156, 155) }
```

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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