

Converting Colors

CIELCh(68, 25.035, 69.431)

Have a look what the booklet for
CIELCh(68, 25.035, 69.431) contains.

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Color

CIELCh(68, 25.035, 69.431)

Conversions

Conversions Part 1

Format	Color
Hex	C49F7C
RGB	196, 159, 124
RGB Percent	77%, 62%, 49%
CMY	0.2315, 0.3766, 0.5138
CMYK	0.00, 0.19, 0.37, 0.23
HSL	29°, 38%, 63%
HSV	29°, 37%, 77%
XYZ	38.7860, 37.9720, 24.3446
YIQ	166.0730, 33.2870, -3.0410

Conversions

Conversions Part 2

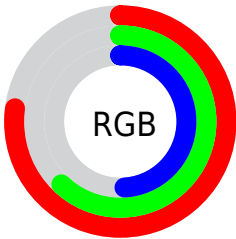
Format	Color
R_{YB}	196, 192, 124
Decimal	12885884
CIE _{Lab}	68.00, 8.80, 23.44
CIE _{LCh}	68, 25.035, 69.431
Yxy	37.9720, 0.3836, 0.3756
Android (android.graphics.Color)	4291075964 (0xFFC49F7C)
YUV	166.0730, -20.7420, 26.2460
Hunter-Lab	61.6215, 4.5145, 19.7115

Details

The CIELCh color **68, 25.035, 69.431** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 22.370, 259.957**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.066, 69.569**, and **48, 25.028, 69.744** is the 20% darker color. If you saturate the color by 10%, you get **65, 32.636, 68.209**, and if you desaturate by 10%, it is **71, 17.772, 70.658**.

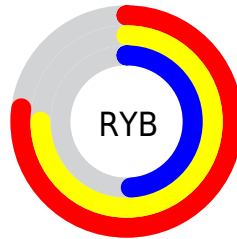
Distribution



Red (77%)

Green (62%)

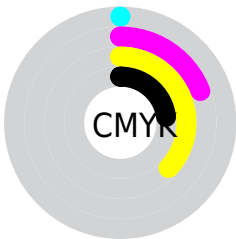
Blue (49%)



Red (77%)

Yellow (75%)

Blue (49%)

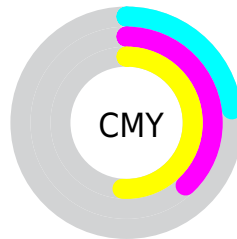


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 25.035, 69.431 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, 25.035, 69.431 by changing the saturation by 10% instead.

68, 25.035, 69.431

68, 25.035, 69.431

100, 25.035,
69.431

58, 25.035, 69.431

88, 25.035, 69.431

48, 25.035, 69.431

98, 25.035, 69.431

38, 25.035, 69.431

28, 25.035, 69.431

18, 25.035, 69.431

8, 25.035, 69.431

0, 25.035, 69.431

68, 25.035, 69.431

68, 25.035, 69.431

65, 32.636, 68.209

71, 17.772, 70.658

62, 40.521, 66.967

74, 10.853, 71.865

60, 48.548, 65.675

77, 4.262, 73.019

57, 56.395, 64.245

80, 2.027, 254.476

55, 63.439, 62.481

83, 8.044, 255.495

52, 68.776, 60.073

86, 13.819,
256.597

52, 70.392, 59.301

90, 16.915,
251.014

92, 16.095,
228.596

95, 17.679,
207.445

Harmonies

Complementary

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



68, 25.035, 69.431



65, 22.370, 259.957

Rectangle

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



68, 25.035, 69.431



68, 25.035, 119.431



68, 25.035, 249.431



68, 25.035, 299.431

Sweetspot

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



68, 25.035, 69.437



96, 8.712, 72.521



61, 34.226, 346.242



51, 5.874, 72.361



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, 25.035, 69.437



84, 37.861, 68.461



77, 37.187, 105.933



39, 3.577, 72.729



43, 60.554, 59.902



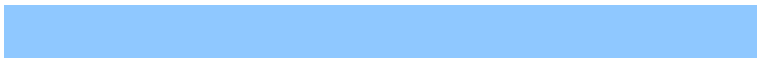
6, 11.471, 56.676

Inverse Universe

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



65, 22.370, 259.957



79, 32.918, 261.856



55, 40.671, 294.325



39, 3.494, 255.164



35, 49.209, 282.147



5, 12.632, 268.215

Previews

White Background



This preview shows how the CIELCh color 68, 25.035, 69.431 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, 25.035, 69.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

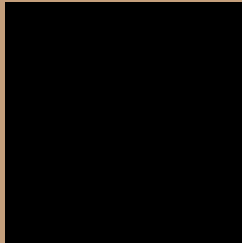
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 25.035, 69.431

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.035, 69.431.



This preview shows how white text looks on a background with the CIELCh color 68, 25.035, 69.431.

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, 25.035, 69.431

Protanopia

68, 21.784, 95.866

Deuteranopia

68, 25.035, 69.431



Tritanopia
68, 19.400, 1.594

Trichromacy



Original Color
68, 25.035, 69.431

Protanomaly
68, 22.153, 84.688

Deuteranomaly
68, 25.035, 69.431

Tritanomaly
68, 17.993, 29.673

Monochromacy



Original Color
68, 25.035, 69.431

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.609, 69.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.035, 69.431 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, 159, 124)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 124)  
}
```

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, 159, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.035, 69.431 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, 159, 124) }
```

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

```
.border{ border-color:rgb(196, 159, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 124);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.035, 69.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 124) }
```

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

```
.background{ background-color: rgb(196,  
159, 124) }
```

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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