

Converting Colors

CIELCh(68, 28.354, 51.084)

Have a look what the booklet for
CIELCh(68, 28.354, 51.084) contains.

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Color

CIELCh(68, 28.493, 50.761)

Conversions

Conversions Part 1

Format	Color
Hex	D2997F
RGB	210, 153, 127
RGB Percent	82%, 60%, 50%
CMY	0.1768, 0.4003, 0.5023
CMYK	0.00, 0.27, 0.40, 0.18
HSL	19°, 48%, 66%
HSV	19°, 40%, 82%
XYZ	41.7538, 37.9720, 25.1787
YIQ	167.0790, 42.3180, 3.9980

Conversions

Conversions Part 2

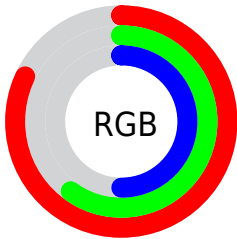
Format	Color
R _{YB}	210, 165, 127
Decimal	13801855
CIE Lab	68.00, 18.02, 22.07
CIE LCh	68, 28.493, 50.761
Yxy	37.9720, 0.3980, 0.3620
Android (android.graphics.Color)	4291991935 (0xFFD2997F)
YUV	167.0790, -19.7589, 37.6417
Hunter-Lab	61.6215, 13.1114, 18.9089

Details

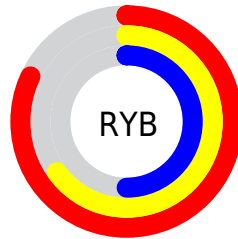
The CIELCh color **68, 28.493, 50.761** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 22.375, 237.916**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 23.767, 57.932**, and **48, 28.547, 50.663** is the 20% darker color. If you saturate the color by 10%, you get **64, 37.081, 50.373**, and if you desaturate by 10%, it is **72, 20.483, 51.263**.

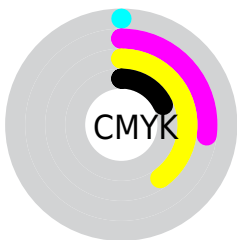
Distribution



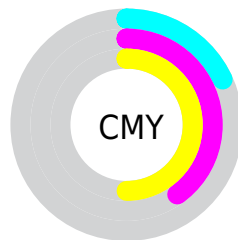
- Red (82%)
- Green (60%)
- Blue (50%)



- Red (82%)
- Yellow (65%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 28.493, 50.761 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, 28.493, 50.761 by changing the saturation by 10% instead.

68, 28.493, 50.761

68, 28.493, 50.761

100, 28.493,
50.761

58, 28.493, 50.761

88, 28.493, 50.761

48, 28.493, 50.761

98, 28.493, 50.761

38, 28.493, 50.761

28, 28.493, 50.761

18, 28.493, 50.761

8, 28.493, 50.761

0, 28.493, 50.761

68, 28.493, 50.761

68, 28.493, 50.761

64, 37.081, 50.373

72, 20.483, 51.263

61, 46.210, 50.088

76, 13.042, 51.840

57, 55.732, 49.879

80, 6.133, 52.455

54, 65.282, 49.630

84, 0.293, 235.011

51, 74.044, 49.041

89, 6.286, 234.067

49, 80.995, 47.826

93, 11.897,
234.783

49, 81.315, 47.790

97, 14.629,
200.919

97, 15.029,
198.505

Harmonies

Complementary

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



68, 28.493, 50.761



72, 22.375, 237.916

Rectangle

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



68, 28.493, 50.761



68, 28.493, 100.761



68, 28.493, 230.761



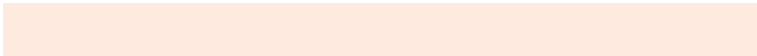
68, 28.493, 280.761

Sweetspot

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



68, 28.492, 50.767



94, 9.126, 52.297



64, 43.671, 337.245



49, 6.083, 52.215



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, 28.492, 50.767



78, 40.892, 50.443



78, 35.706, 95.737



42, 3.636, 52.463



39, 68.592, 48.322



7, 16.740, 38.387

Inverse Universe

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



72, 22.375, 237.916



83, 30.287, 239.497



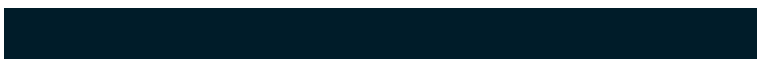
61, 37.546, 286.458



42, 3.463, 234.057



46, 36.527, 258.171



9, 12.823, 246.482

Previews

White Background



This preview shows how the CIELCh color 68, 28.493, 50.761 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, 28.493, 50.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

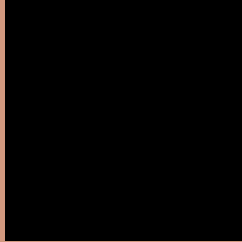
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 28.493, 50.761

Background



This preview shows how black text looks on a background with the CIELCh color 68, 28.493, 50.761.



This preview shows how white text looks on a background with the CIELCh color 68, 28.493, 50.761.

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, 28.493, 50.761

Protanopia

68, 18.504, 95.499

Deuteranopia

68, 23.865, 68.778



Tritanopia
68, 26.408, 7.832

Trichromacy



Original Color
68, 28.493, 50.761

Protanomaly
68, 20.047, 74.380

Deuteranomaly
68, 25.222, 62.271

Tritanomaly
68, 25.271, 24.254

Monochromacy



Original Color
68, 28.493, 50.761

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 10.000, 53.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 28.493, 50.761 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(210, 153, 127)` looks like.

```
.text, #text, p{  
    color:rgb(210, 153, 127)  
}
```

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(210, 153, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 153, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 28.493, 50.761 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(210, 153, 127) }
```

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

```
.border{ border-color:rgb(210, 153, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 153, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 153, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 153, 127);  
box-shadow:4px 4px 4px 4px rgb(210, 153,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 28.493, 50.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 153, 127) }
```

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

```
.background{ background-color: rgb(210,  
153, 127) }
```

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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