

Converting Colors

CIELCh(68, 25.387, 94.705)

Have a look what the booklet for
CIELCh(68, 25.387, 94.705) contains.

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Color

CIELCh(68, 25.270, 94.125)

Conversions

Conversions Part 1

Format	Color
Hex	B3A578
RGB	179, 165, 120
RGB Percent	70%, 65%, 47%
CMY	0.2971, 0.3520, 0.5285
CMYK	0.00, 0.08, 0.33, 0.30
HSL	46°, 28%, 59%
HSV	46°, 33%, 70%
XYZ	35.5504, 37.9720, 23.2978
YIQ	164.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

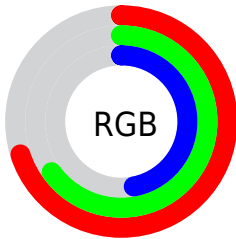
Format	Color
RYB	138, 179, 120
Decimal	11773304
CIELab	68.00, -1.82, 25.20
CIElCh	68, 25.270, 94.125
Yxy	37.9720, 0.3672, 0.3922
Android (android.graphics.Color)	4289963384 (0xFFB3A578)
YUV	164.0560, -21.7196, 13.1059
Hunter-Lab	61.6215, -4.8580, 20.7187

Details

The CIELCh color **68, 25.270, 94.125** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 25.982, 282.904**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.074, 94.566**, and **48, 25.052, 94.032** is the 20% darker color. If you saturate the color by 10%, you get **67, 32.985, 92.867**, and if you desaturate by 10%, it is **69, 17.532, 95.363**.

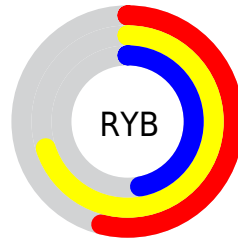
Distribution



Red (70%)

Green (65%)

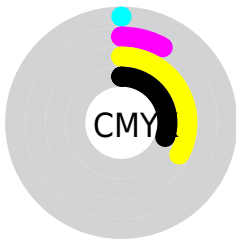
Blue (47%)



Red (54%)

Yellow (70%)

Blue (47%)

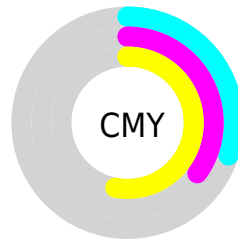


Cyan (0%)

Magenta (8%)

Yellow (33%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 25.270, 94.125 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, 25.270, 94.125 by changing the saturation by 10% instead.

■ 68, 25.270, 94.125

■ 68, 25.270, 94.125

■ 100, 25.270,
94.125

■ 58, 25.270, 94.125

■ 88, 25.270, 94.125

■ 48, 25.270, 94.125

■ 98, 25.270, 94.125

■ 38, 25.270, 94.125

■ 28, 25.270, 94.125

■ 18, 25.270, 94.125

■ 8, 25.270, 94.125

■ 0, 25.270, 94.125

■ 68, 25.270, 94.125

■ 68, 25.270, 94.125

■ 67, 32.985, 92.867

■ 69, 17.532, 95.363

65, 40.557, 91.579

71, 9.833, 96.558

64, 47.779, 90.261

73, 2.206, 97.665

63, 54.307, 88.897

74, 5.332, 278.892

61, 59.621, 87.449

76, 12.775,
279.950

60, 63.093, 85.840

77, 20.123,
280.973

59, 64.631, 84.616

79, 27.378,
281.948

81, 30.094,
280.706

82, 28.087,
276.750

Harmonies

Complementary

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



68, 25.270, 94.125



56, 25.982, 282.904

Rectangle

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



68, 25.270, 94.125



68, 25.270, 144.125



68, 25.270, 274.125



68, 25.270, 324.125

Sweetspot

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



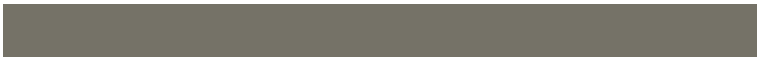
68, 25.271, 94.130



90, 9.367, 96.879



57, 25.227, 3.255



48, 6.448, 96.718



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 25.271, 94.130



85, 37.916, 93.154



71, 32.215, 117.863



37, 4.284, 96.976



51, 57.567, 84.878



6, 9.391, 91.479

Inverse Universe

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



56, 25.982, 282.904



67, 39.363, 284.439



54, 34.559, 302.397



35, 4.320, 279.224



22, 75.497, 300.676



2, 10.983, 281.394

Previews

White Background



This preview shows how the CIELCh color 68, 25.270, 94.125 looks on a white background.

Color Contrast Check

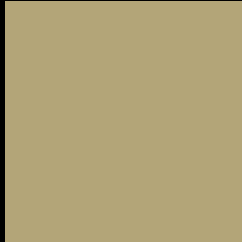
Large Text (above 18pt) WCAG AA × Fail

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, 25.270, 94.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

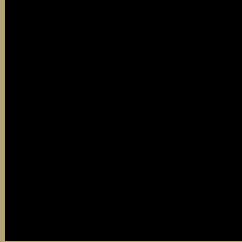
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 25.270, 94.125

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.270, 94.125.



This preview shows how white text looks on a background with the CIELCh color 68, 25.270, 94.125.

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, 25.270, 94.125

Protanopia

68, 25.578, 96.190

Deuteranopia

68, 25.933, 70.737



Tritanopia
68, 11.920, 346.978

Trichromacy



Original Color
68, 25.270, 94.125

Protanomaly
68, 25.578, 96.190

Deuteranomaly
68, 25.289, 78.784

Tritanomaly
68, 9.776, 46.622

Monochromacy



Original Color
68, 25.270, 94.125

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.093, 94.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.270, 94.125 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(179, 165, 120)` looks like.

```
.text, #text, p{  
    color:rgb(179, 165, 120)  
}
```

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(179, 165, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 165, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.270, 94.125 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(179, 165, 120) }
```

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

```
.border{ border-color:rgb(179, 165, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 165, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 165, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 165, 120);  
box-shadow:4px 4px 4px 4px rgb(179, 165,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.270, 94.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 165, 120) }
```

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

```
.background{ background-color: rgb(179,  
165, 120) }
```

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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