

Converting Colors

CIELCh(75, 36.132, 94.349)

Have a look what the booklet for
CIELCh(75, 36.132, 94.349) contains.

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Color

CIELCh(75, 36.031, 93.900)

Conversions

Conversions Part 1

Format	Color
Hex	CBB876
RGB	203, 184, 118
RGB Percent	80%, 72%, 46%
CMY	0.2040, 0.2785, 0.5373
CMYK	0.00, 0.09, 0.42, 0.20
HSL	47°, 45%, 63%
HSV	47°, 42%, 80%
XYZ	45.0322, 48.2781, 24.0811
YIQ	182.1570, 32.5100, -16.4980

Conversions

Conversions Part 2

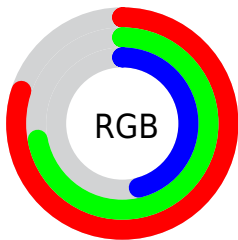
Format	Color
RYB	142, 203, 118
Decimal	13351030
CIELab	75.00, -2.45, 35.95
CIElCh	75, 36.031, 93.900
Yxy	48.2781, 0.3836, 0.4113
Android (android.graphics.Color)	4291541110 (0xFFCBB876)
YUV	182.1570, -31.6294, 18.2793
Hunter-Lab	69.4824, -5.9069, 28.0891

Details

The CIELCh color **75, 36.031, 93.900** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 37.704, 285.590**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 35.561, 97.834**, and **55, 36.014, 93.982** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.482, 92.628**, and if you desaturate by 10%, it is **77, 27.412, 95.157**.

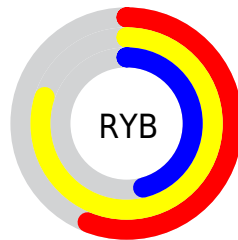
Distribution



Red (80%)

Green (72%)

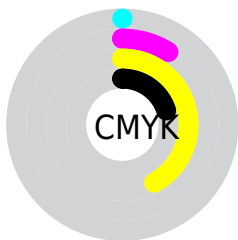
Blue (46%)



Red (56%)

Yellow (80%)

Blue (46%)

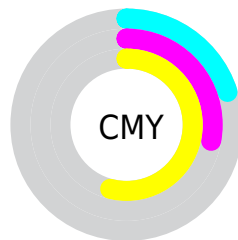


Cyan (0%)

Magenta (9%)

Yellow (42%)

Black (20%)



Cyan (20%)

Magenta (28%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 36.031, 93.900 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 75, 36.031, 93.900 by changing the saturation by 10% instead.

■ 75, 36.031, 93.900

■ 75, 36.031, 93.900

■ 100, 36.031,
93.900

■ 65, 36.031, 93.900

■ 95, 36.031, 93.900

■ 55, 36.031, 93.900

■ 45, 36.031, 93.900

■ 35, 36.031, 93.900

■ 25, 36.031, 93.900

■ 15, 36.031, 93.900

■ 5, 36.031, 93.900

■ 0, 36.031, 93.900

■ 75, 36.031, 93.900

■ 75, 36.031, 93.900

74, 44.482, 92.628

77, 27.412, 95.157

72, 52.532, 91.328

78, 18.754, 96.383

71, 59.799, 89.992

80, 10.131, 97.570

70, 65.706, 88.589

81, 1.582, 98.636

68, 69.561, 87.050

83, 6.876, 279.885

67, 71.216, 85.680

85, 15.234,
280.940

86, 20.892,
280.338

88, 18.861,
274.145

89, 17.096,
266.627

Harmonies

Complementary

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



75, 36.031, 93.900



58, 37.704, 285.590

Rectangle

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



75, 36.031, 93.900



75, 36.031, 143.900



75, 36.031, 273.900



75, 36.031, 323.900

Sweetspot

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



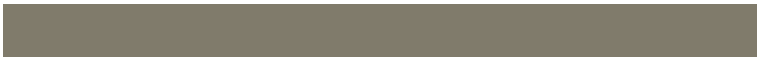
75, 36.032, 93.904



97, 13.359, 97.419



59, 35.810, 6.021



52, 9.359, 97.155



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 36.032, 93.904



91, 51.634, 92.783



78, 45.075, 118.013



42, 4.853, 97.856



56, 61.336, 85.967



11, 17.085, 89.910

Inverse Universe

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



58, 37.704, 285.590



66, 54.931, 287.602



55, 49.448, 303.810



40, 4.900, 280.117



24, 81.943, 301.399



3, 19.936, 286.198

Previews

White Background



This preview shows how the CIELCh color 75, 36.031, 93.900 looks on a white background.

Color Contrast Check

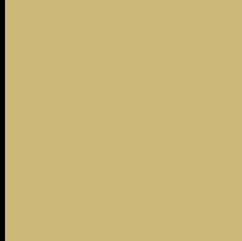
Large Text (above 18pt) WCAG AA × Fail

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 75, 36.031, 93.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

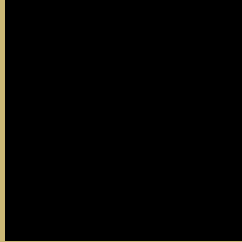
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 36.031, 93.900

Background



This preview shows how black text looks on a background with the CIELCh color 75, 36.031, 93.900.



This preview shows how white text looks on a background with the CIELCh color 75, 36.031, 93.900.

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

75, 36.031, 93.900

Protanopia

75, 36.222, 96.000

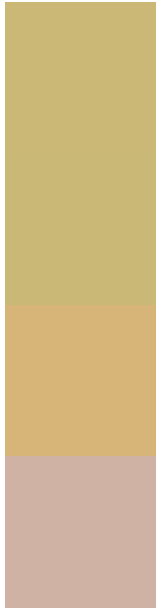
Deuteranopia

75, 36.476, 75.423



Tritanopia
75, 15.153, 350.965

Trichromacy



Original Color
75, 36.031, 93.900

Protanomaly
75, 36.310, 95.343

Deuteranomaly
75, 36.060, 82.602

Tritanomaly
75, 14.079, 54.917

Monochromacy



Original Color
75, 36.031, 93.900

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 13.193, 96.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 36.031, 93.900 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(203, 184, 118)` looks like.

```
.text, #text, p{  
    color:rgb(203, 184, 118)  
}
```

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(203, 184, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 184, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 36.031, 93.900 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(203, 184, 118) }
```

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

```
.border{ border-color:rgb(203, 184, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 184, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 184, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 184, 118);  
box-shadow:4px 4px 4px 4px rgb(203, 184,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 36.031, 93.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 184, 118) }
```

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

```
.background{ background-color: rgb(203,  
184, 118) }
```

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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