

Converting Colors

CIELCh(74, 41.720, 95.463)

Have a look what the booklet for
CIELCh(74, 41.720, 95.463) contains.

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Color

CIELCh(74, 42.000, 95.523)

Conversions

Conversions Part 1

Format	Color
Hex	C8B668
RGB	200, 182, 104
RGB Percent	78%, 71%, 41%
CMY	0.2159, 0.2865, 0.5923
CMYK	0.00, 0.09, 0.48, 0.22
HSL	49°, 47%, 60%
HSV	49°, 48%, 78%
XYZ	43.0174, 46.7039, 19.8305
YIQ	178.4900, 35.7660, -20.4420

Conversions

Conversions Part 2

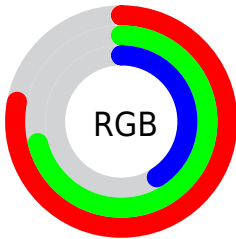
Format	Color
RYB	126, 200, 104
Decimal	13153896
CIELab	74.00, -4.04, 41.81
CIELCh	74, 42.000, 95.523
Yxy	46.7039, 0.3927, 0.4263
Android (android.graphics.Color)	4291343976 (0xFFC8B668)
YUV	178.4900, -36.7236, 18.8643
Hunter-Lab	68.3403, -7.2370, 30.6338

Details

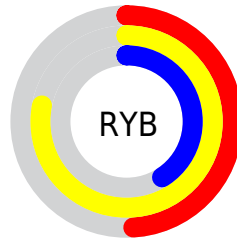
The CIELCh color **74, 42.000, 95.523** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 45.154, 288.943**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 41.640, 97.485**, and **54, 41.919, 95.314** is the 20% darker color. If you saturate the color by 10%, you get **73, 50.261, 94.307**, and if you desaturate by 10%, it is **75, 33.385, 96.737**.

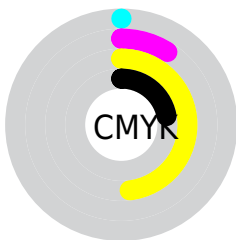
Distribution



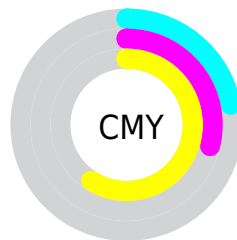
- Red (78%)
- Green (71%)
- Blue (41%)



- Red (49%)
- Yellow (78%)
- Blue (41%)



- Cyan (0%)
- Magenta (9%)
- Yellow (48%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 42.000, 95.523 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 74, 42.000, 95.523 by changing the saturation by 10% instead.

■ 74, 42.000, 95.523

■ 74, 42.000, 95.523

■ 100, 42.000,
95.523

■ 64, 42.000, 95.523

■ 94, 42.000, 95.523

■ 54, 42.000, 95.523

■ 44, 42.000, 95.523

■ 34, 42.000, 95.523

■ 24, 42.000, 95.523

■ 14, 42.000, 95.523

■ 4, 42.000, 95.523

■ 0, 42.000, 95.523

■ 74, 42.000, 95.523

■ 74, 42.000, 95.523

73, 50.261, 94.307

75, 33.385, 96.737

72, 57.839, 93.080

77, 24.611, 97.932

71, 64.236, 91.835

78, 15.793, 99.103

69, 68.813, 90.542

79, 6.996, 100.236

68, 71.158, 89.149

81, 1.743, 281.451

68, 71.529, 88.870

82, 10.406,
282.447

84, 18.985,
283.462

85, 22.879,
282.242

86, 21.112,
277.809

Harmonies

Complementary

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



74, 42.000, 95.523



53, 45.154, 288.943

Rectangle

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



74, 42.000, 95.523



74, 42.000, 145.523



74, 42.000, 275.523



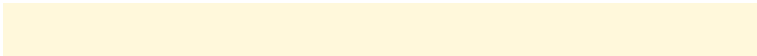
74, 42.000, 325.523

Sweetspot

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



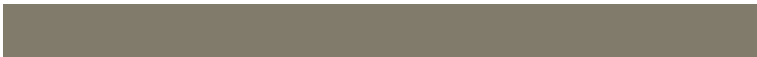
74, 42.001, 95.527



98, 14.938, 99.540



56, 40.657, 9.736



52, 10.320, 99.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 42.001, 95.527



91, 61.151, 94.206



77, 50.966, 119.092



41, 4.935, 100.084



57, 61.602, 89.104



11, 16.270, 93.507

Inverse Universe

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



53, 45.154, 288.943



60, 67.731, 291.592



51, 56.589, 305.399



39, 4.996, 282.270



22, 84.269, 302.603



2, 18.720, 286.411

Previews

White Background



This preview shows how the CIELCh color 74, 42.000, 95.523 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 74, 42.000, 95.523 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 74, 42.000, 95.523

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.000, 95.523.



This preview shows how white text looks on a background with the CIELCh color 74, 42.000, 95.523.

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


74, 42.000, 95.523

Protanopia

74, 42.000, 95.523

Deuteranopia

74, 42.182, 77.592



Tritanopia
74, 15.530, 351.734

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.000, 95.523 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(200, 182, 104)` looks like.

```
.text, #text, p{  
    color:rgb(200, 182, 104)  
}
```

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(200, 182, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.000, 95.523 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(200, 182, 104) }
```

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

```
.border{ border-color:rgb(200, 182, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 182, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 182, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 182, 104);  
box-shadow:4px 4px 4px 4px rgb(200, 182,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.000, 95.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 104) }
```

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

```
.background{ background-color: rgb(200,  
182, 104) }
```

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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