

Converting Colors

CIELCh(74, 22.737, 90.475)

Have a look what the booklet for
CIELCh(74, 22.737, 90.475) contains.

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Color

CIELCh(74, 23.006, 91.520)

Conversions

Conversions Part 1

Format	Color
Hex	C5B58C
RGB	197, 181, 140
RGB Percent	77%, 71%, 55%
CMY	0.2282, 0.2909, 0.4517
CMYK	0.00, 0.08, 0.29, 0.23
HSL	43°, 33%, 66%
HSV	43°, 29%, 77%
XYZ	44.1815, 46.7039, 31.4277
YIQ	181.1100, 22.6970, -9.3590

Conversions

Conversions Part 2

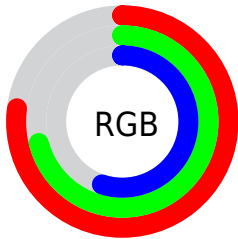
Format	Color
R _Y B	162, 197, 140
Decimal	12957068
CIE Lab	74.00, -0.61, 23.00
CIE LCh	74, 23.006, 91.520
Yxy	46.7039, 0.3612, 0.3818
Android (android.graphics.Color)	4291147148 (0xFFC5B58C)
YUV	181.1100, -20.2672, 13.9355
Hunter-Lab	68.3403, -4.1964, 20.5724

Details

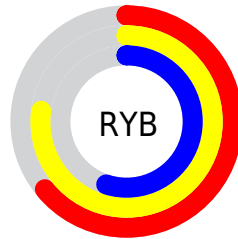
The CIELCh color **74, 23.006, 91.520** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 23.266, 279.388**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 22.955, 91.961**, and **54, 22.602, 91.486** is the 20% darker color. If you saturate the color by 10%, you get **72, 31.110, 90.217**, and if you desaturate by 10%, it is **76, 14.959, 92.796**.

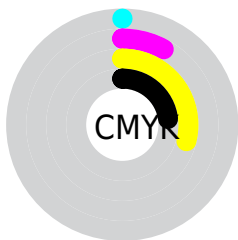
Distribution



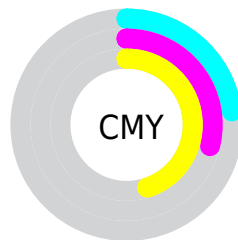
- Red (77%)
- Green (71%)
- Blue (55%)



- Red (64%)
- Yellow (77%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (29%)
- Black (23%)



- Cyan (23%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 23.006, 91.520 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, 23.006, 91.520 by changing the saturation by 10% instead.

■ 74, 23.006, 91.520

■ 74, 23.006, 91.520

■ 100, 23.006,
91.520

■ 64, 23.006, 91.520

■ 94, 23.006, 91.520

■ 54, 23.006, 91.520

■ 44, 23.006, 91.520

■ 34, 23.006, 91.520

■ 24, 23.006, 91.520

■ 14, 23.006, 91.520

■ 4, 23.006, 91.520

■ 0, 23.006, 91.520

■ 74, 23.006, 91.520

■ 74, 23.006, 91.520

72, 31.110, 90.217

76, 14.959, 92.796

70, 39.179, 88.872

78, 7.009, 94.017

69, 47.046, 87.487

80, 0.822, 275.485

67, 54.417, 86.041

82, 8.529, 276.407

66, 60.801, 84.488

84, 16.113,
277.491

64, 65.510, 82.735

86, 22.112,
277.393

63, 68.148, 80.695

87, 19.790,
269.819

63, 68.400, 80.482

88, 17.890,
260.527

90, 16.549,
249.486

Harmonies

Complementary

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



74, 23.006, 91.520



64, 23.266, 279.388

Rectangle

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



74, 23.006, 91.520



74, 23.006, 141.520



74, 23.006, 271.520



74, 23.006, 321.520

Sweetspot

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



74, 23.007, 91.526



98, 8.695, 93.995



64, 24.053, 0.296



52, 6.050, 93.819



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, 23.007, 91.526



92, 34.443, 90.668



77, 30.502, 116.717



41, 4.479, 93.965



53, 59.580, 80.836



10, 14.676, 84.611

Inverse Universe

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



64, 23.266, 279.388



78, 34.969, 280.652



61, 32.490, 300.929



39, 4.501, 276.324



26, 75.094, 298.971



3, 17.407, 283.138

Previews

White Background



This preview shows how the CIELCh color 74, 23.006, 91.520 looks on a white background.

Color Contrast Check

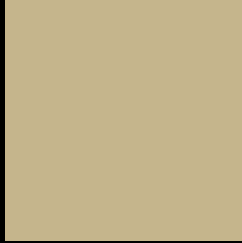
Large Text (above 18pt) WCAG AA × Fail

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 74, 23.006, 91.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

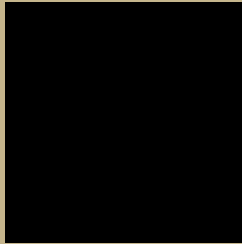
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

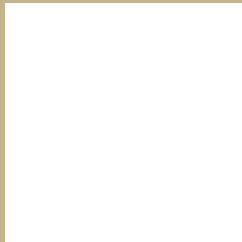
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 23.006, 91.520

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.006, 91.520.



This preview shows how white text looks on a background with the CIELCh color 74, 23.006, 91.520.

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, 23.006, 91.520

Protanopia

74, 23.078, 95.748

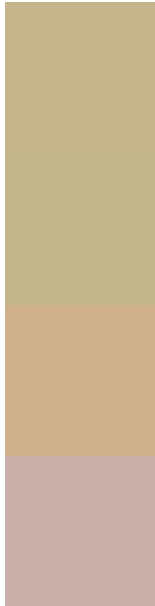
Deuteranopia

74, 24.354, 68.308



Tritanopia
74, 13.250, 345.798

Trichromacy



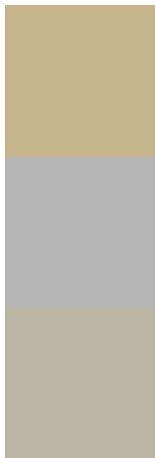
Original Color
74, 23.006, 91.520

Protanomaly
74, 23.172, 94.757

Deuteranomaly
74, 23.133, 76.059

Tritanomaly
74, 10.236, 38.480

Monochromacy



Original Color
74, 23.006, 91.520

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.405, 93.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 23.006, 91.520 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(197, 181, 140)` looks like.

```
.text, #text, p{  
    color:rgb(197, 181, 140)  
}
```

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(197, 181, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 181, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.006, 91.520 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(197, 181, 140) }
```

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

```
.border{ border-color:rgb(197, 181, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 181, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 181, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 181, 140);  
box-shadow:4px 4px 4px 4px rgb(197, 181,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.006, 91.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 181, 140) }
```

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

```
.background{ background-color: rgb(197,  
181, 140) }
```

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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