

Converting Colors

CIELCh(74, 23.128, 96.106)

Have a look what the booklet for
CIELCh(74, 23.128, 96.106) contains.

CIELCh(74, 23.078, 95.748)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 23.078, 95.748)

Conversions

Conversions Part 1

Format	Color
Hex	C2B68C
RGB	194, 182, 140
RGB Percent	76%, 71%, 55%
CMY	0.2400, 0.2870, 0.4517
CMYK	0.00, 0.06, 0.28, 0.24
HSL	47°, 31%, 65%
HSV	47°, 28%, 76%
XYZ	43.6020, 46.7039, 31.4534
YIQ	180.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

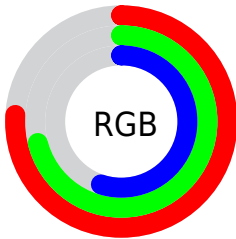
Format	Color
RYB	155, 194, 140
Decimal	12760716
CIELab	74.00, -2.31, 22.96
CIELCh	74, 23.078, 95.748
Yxy	46.7039, 0.3581, 0.3836
Android (android.graphics.Color)	4290950796 (0xFFC2B68C)
YUV	180.8000, -20.1144, 11.5764
Hunter-Lab	68.3403, -5.7103, 20.5502

Details

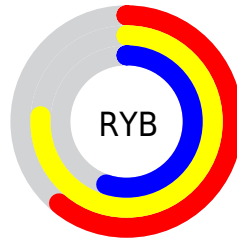
The CIELCh color **74, 23.078, 95.748** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 23.698, 282.949**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 23.040, 95.944**, and **54, 22.771, 95.036** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.415, 94.516**, and if you desaturate by 10%, it is **76, 14.739, 96.960**.

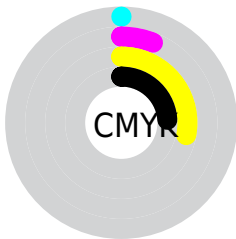
Distribution



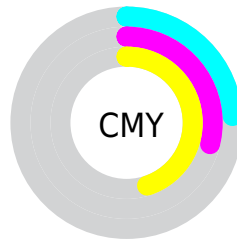
- Red (76%)
- Green (71%)
- Blue (55%)



- Red (61%)
- Yellow (76%)
- Blue (55%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 23.078, 95.748 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, 23.078, 95.748 by changing the saturation by 10% instead.

■ 74, 23.078, 95.748

■ 74, 23.078, 95.748

■ 100, 23.078,
95.748

■ 64, 23.078, 95.748

■ 94, 23.078, 95.748

■ 54, 23.078, 95.748

■ 44, 23.078, 95.748

■ 34, 23.078, 95.748

■ 24, 23.078, 95.748

■ 14, 23.078, 95.748

■ 4, 23.078, 95.748

■ 0, 23.078, 95.748

■ 74, 23.078, 95.748

■ 74, 23.078, 95.748

73, 31.415, 94.516

76, 14.739, 96.960

71, 39.648, 93.255

77, 6.450, 98.121

70, 47.600, 91.972

79, 1.761, 279.378

68, 54.974, 90.661

80, 9.881, 280.393

67, 61.295, 89.302

82, 17.905,
281.431

66, 65.924, 87.842

84, 25.272,
282.130

65, 68.409, 86.216

85, 23.236,
277.470

65, 68.848, 85.864

86, 21.379,
271.999

87, 19.749,
265.606

Harmonies

Complementary

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



74, 23.078, 95.748



63, 23.698, 282.949

Rectangle

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



74, 23.078, 95.748



74, 23.078, 145.748



74, 23.078, 275.748



74, 23.078, 325.748

Sweetspot

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



74, 23.079, 95.753



98, 8.141, 98.091



64, 22.445, 3.778



52, 5.839, 97.917



0, 0.000, 0.000



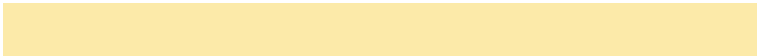
53, 0.007, 296.813

Same Dimension

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



74, 23.079, 95.753



93, 33.929, 95.056



76, 29.208, 118.849



40, 4.658, 97.950



54, 59.985, 86.136



9, 14.121, 90.924

Inverse Universe

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



63, 23.698, 282.949



77, 35.082, 283.969



61, 30.931, 302.524



38, 4.704, 280.194



23, 80.025, 301.378



2, 16.479, 284.313

Previews

White Background



This preview shows how the CIELCh color 74, 23.078, 95.748 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, 23.078, 95.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

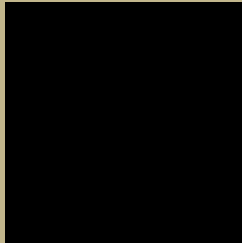
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 23.078, 95.748

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.078, 95.748.

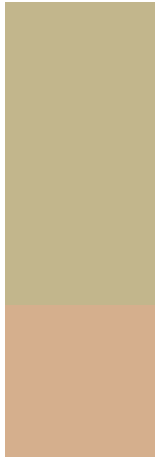


This preview shows how white text looks on a background with the CIELCh color 74, 23.078, 95.748.

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, 23.078, 95.748

Protanopia

74, 23.078, 95.748

Deuteranopia

74, 24.354, 68.308



Tritanopia
74, 12.036, 341.516

Trichromacy



Original Color
74, 23.078, 95.748

Protanomaly
74, 23.078, 95.748

Deuteranomaly
74, 22.904, 76.927

Tritanomaly
74, 8.737, 41.649

Monochromacy



Original Color
74, 23.078, 95.748

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.308, 95.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 23.078, 95.748 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(194, 182, 140)` looks like.

```
.text, #text, p{  
    color:rgb(194, 182, 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(194, 182, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 182, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.078, 95.748 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(194, 182, 140) }
```

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

```
.border{ border-color:rgb(194, 182, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 182, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 182, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 182, 140);  
box-shadow:4px 4px 4px 4px rgb(194, 182,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.078, 95.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 182, 140) }
```

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

```
.background{ background-color: rgb(194,  
182, 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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