

Converting Colors

CIELCh(74, 12.013, 78.364)

Have a look what the booklet for
CIELCh(74, 12.013, 78.364) contains.

CIELCh(74, 11.826, 79.275)	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, 11.826, 79.275)

Conversions

Conversions Part 1

Format	Color
Hex	C3B4A1
RGB	195, 180, 161
RGB Percent	76%, 71%, 63%
CMY	0.2361, 0.2949, 0.3694
CMYK	0.00, 0.08, 0.17, 0.24
HSL	34°, 22%, 70%
HSV	34°, 17%, 76%
XYZ	45.1505, 46.7039, 40.2631
YIQ	182.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

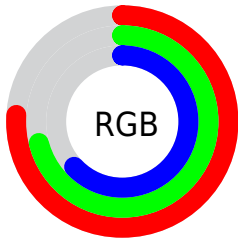
Format	Color
RYB	188, 195, 161
Decimal	12825761
CIELab	74.00, 2.20, 11.62
CIELCh	74, 11.826, 79.275
Yxy	46.7039, 0.3417, 0.3535
Android (android.graphics.Color)	4291015841 (0xFFC3B4A1)
YUV	182.3190, -10.5103, 11.1212
Hunter-Lab	68.3403, -1.6656, 12.9072

Details

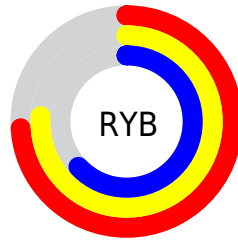
The CIELCh color **74, 11.826, 79.275** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 11.492, 264.023**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 11.837, 79.326**, and **54, 11.951, 79.027** is the 20% darker color. If you saturate the color by 10%, you get **71, 18.953, 77.984**, and if you desaturate by 10%, it is **77, 4.954, 80.530**.

Distribution



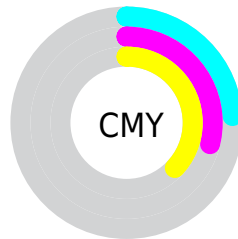
- Red (76%)
- Green (71%)
- Blue (63%)



- Red (74%)
- Yellow (76%)
- Blue (63%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 11.826, 79.275 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, 11.826, 79.275 by changing the saturation by 10% instead.

■ 74, 11.826, 79.275

■ 74, 11.826, 79.275

■ 100, 11.826,
79.275

■ 64, 11.826, 79.275

■ 94, 11.826, 79.275

■ 54, 11.826, 79.275

■ 44, 11.826, 79.275

■ 34, 11.826, 79.275

■ 24, 11.826, 79.275

■ 14, 11.826, 79.275

■ 4, 11.826, 79.275

■ 0, 11.826, 79.275

■ 74, 11.826, 79.275

■ 74, 11.826, 79.275

71, 18.953, 77.984

77, 4.954, 80.530

69, 26.333, 76.648

79, 1.677, 262.024

66, 33.937, 75.280

82, 8.086, 263.077

64, 41.682, 73.870

85, 14.294,
264.216

61, 49.381, 72.381

88, 18.872,
262.765

59, 56.659, 70.727

57, 62.855, 68.733

90, 16.819,
246.073

55, 67.204, 66.164

92, 16.427,
227.034

55, 68.240, 65.517

94, 17.759,
209.214

96, 19.675,
198.208

Harmonies

Complementary

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



74, 11.826, 79.275



71, 11.492, 264.023

Rectangle

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



74, 11.826, 79.275



74, 11.826, 129.275



74, 11.826, 259.275



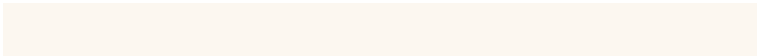
74, 11.826, 309.275

Sweetspot

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



74, 11.827, 79.286



97, 4.084, 80.798



70, 15.387, 347.994



52, 2.813, 80.720



0, 0.000, 0.000



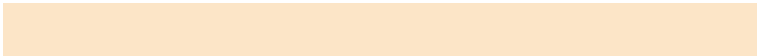
53, 0.007, 296.813

Same Dimension

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



74, 11.827, 79.286



92, 17.695, 78.786



78, 18.082, 110.606



40, 3.768, 80.300



45, 59.058, 66.074



7, 11.664, 65.175

Inverse Universe

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



71, 11.492, 264.023



88, 17.068, 264.669



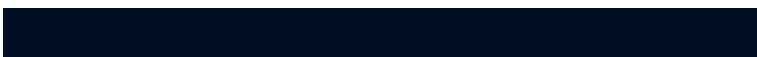
67, 18.815, 293.893



39, 3.719, 262.814



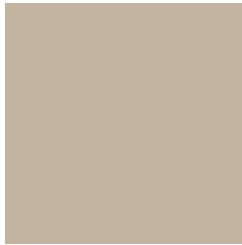
32, 56.724, 288.852



4, 13.636, 273.847

Previews

White Background



This preview shows how the CIELCh color 74, 11.826, 79.275 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, 11.826, 79.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

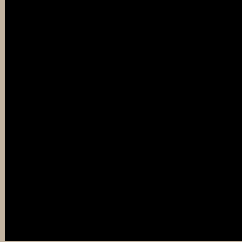
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 11.826, 79.275

Background



This preview shows how black text looks on a background with the CIELCh color 74, 11.826, 79.275.



This preview shows how white text looks on a background with the CIELCh color 74, 11.826, 79.275.

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, 11.826, 79.275

Protanopia

74, 10.821, 90.225

Deuteranopia

74, 14.546, 48.922



Tritanopia
74, 11.113, 341.173

Trichromacy



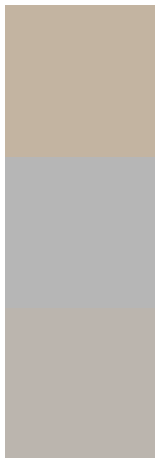
Original Color
74, 11.826, 79.275

Protanomaly
74, 11.103, 86.375

Deuteranomaly
74, 13.117, 57.889

Tritanomaly
74, 7.672, 11.931

Monochromacy



Original Color
74, 11.826, 79.275

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.394, 78.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 11.826, 79.275 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(195, 180, 161)` looks like.

```
.text, #text, p{  
    color:rgb(195, 180, 161)  
}
```

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(195, 180, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 180, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 11.826, 79.275 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(195, 180, 161) }
```

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

```
.border{ border-color:rgb(195, 180, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 180, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 180, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 180, 161);  
box-shadow:4px 4px 4px 4px rgb(195, 180,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 11.826, 79.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 180, 161) }
```

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

```
.background{ background-color: rgb(195,  
180, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor