

Converting Colors

CIELCh(74, 9.887, 90.471)

Have a look what the booklet for
CIELCh(74, 9.887, 90.471) contains.

CIELCh(74, 9.669, 90.527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 9.669, 90.527)

Conversions

Conversions Part 1

Format	Color
Hex	BDB5A4
RGB	189, 181, 164
RGB Percent	74%, 71%, 64%
CMY	0.2577, 0.2891, 0.3558
CMYK	0.00, 0.04, 0.13, 0.26
HSL	41°, 16%, 69%
HSV	41°, 13%, 74%
XYZ	44.3602, 46.7039, 41.9270
YIQ	181.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

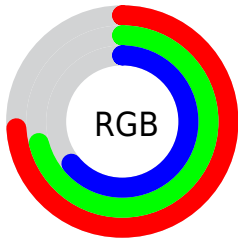
Format	Color
R _Y B	176, 189, 164
Decimal	12432804
CIE Lab	74.00, -0.09, 9.67
CIE LCh	74, 9.669, 90.527
Yxy	46.7039, 0.3336, 0.3512
Android (android.graphics.Color)	4290622884 (0xFFBDB5A4)
YUV	181.4540, -8.6048, 6.6178
Hunter-Lab	68.3403, -3.7298, 11.4636

Details

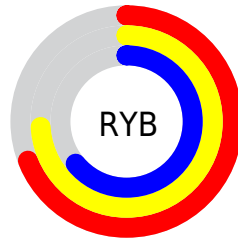
The CIELCh color `74, 9.669, 90.527` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `70, 9.671, 273.957`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.671, 91.783`, and `54, 9.778, 88.965` is the 20% darker color. If you saturate the color by 10%, you get `72, 17.159, 89.269`, and if you desaturate by 10%, it is `76, 2.321, 91.703`.

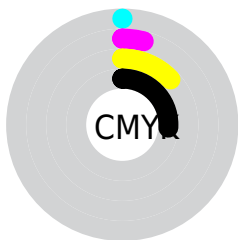
Distribution



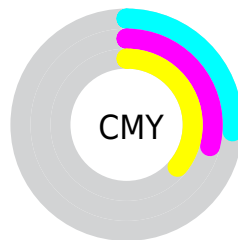
- Red (74%)
- Green (71%)
- Blue (64%)



- Red (69%)
- Yellow (74%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.669, 90.527 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, 9.669, 90.527 by changing the saturation by 10% instead.

 74, 9.669, 90.527  74, 9.669, 90.527

 100, 9.669, 90.527  64, 9.669, 90.527

 94, 9.669, 90.527  54, 9.669, 90.527

 44, 9.669, 90.527

 34, 9.669, 90.527

 24, 9.669, 90.527

 14, 9.669, 90.527

 4, 9.669, 90.527

 0, 9.669, 90.527

 74, 9.669, 90.527  74, 9.669, 90.527

72, 17.159, 89.269

76, 2.321, 91.703

70, 24.769, 87.953

78, 4.885, 273.035

68, 32.452, 86.597

80, 11.951,
274.149

66, 40.112, 85.199

82, 18.885,
275.231

65, 47.560, 83.743

63, 54.460, 82.192

84, 23.751,
274.586

61, 60.262, 80.463

86, 21.345,
266.520

60, 64.235, 78.412

58, 66.032, 76.862

88, 19.450,
256.750

89, 18.210,
245.382

91, 17.748,
233.011

Harmonies

Complementary

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



74, 9.669, 90.527



70, 9.671, 273.957

Rectangle

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



74, 9.669, 90.527



74, 9.669, 140.527



74, 9.669, 270.527



74, 9.669, 320.527

Sweetspot

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



74, 9.670, 90.539



95, 3.569, 91.620



70, 10.584, 354.915



51, 2.538, 91.539



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 9.670, 90.539



92, 14.478, 90.158



76, 13.492, 115.762



39, 4.121, 91.012



49, 57.825, 77.267



7, 11.197, 80.824

Inverse Universe

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



70, 9.671, 273.957



87, 14.470, 274.408



69, 13.883, 297.728



37, 4.126, 273.419



26, 69.024, 296.903



3, 13.610, 279.411

Previews

White Background



This preview shows how the CIELCh color 74, 9.669, 90.527 looks on a white background.

Color Contrast Check

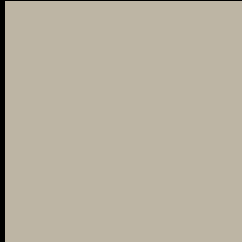
Large Text (above 18pt) WCAG AA × Fail

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, 9.669, 90.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

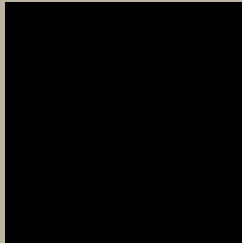
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

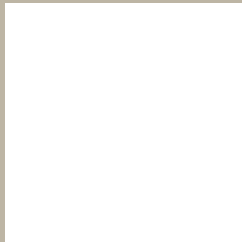
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 9.669, 90.527

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.669, 90.527.



This preview shows how white text looks on a background with the CIELCh color 74, 9.669, 90.527.

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, 9.669, 90.527

Protanopia

74, 9.669, 90.527

Deuteranopia

74, 13.377, 43.935



Tritanopia
74, 9.657, 328.497

Trichromacy



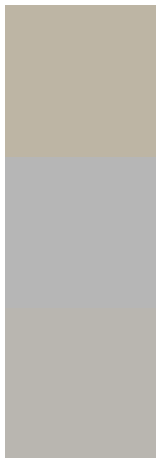
Original Color
74, 9.669, 90.527

Protanomaly
74, 9.669, 90.527

Deuteranomaly
74, 11.118, 55.425

Tritanomaly
74, 5.020, 7.327

Monochromacy



Original Color
74, 9.669, 90.527

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.414, 90.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.669, 90.527 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(189, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(189, 181, 164)  
}
```

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(189, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.669, 90.527 is called "border". The border property can be set on classes, ids or directly on the HTML element.

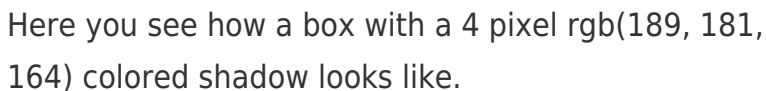
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 181, 164) }
```

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

```
.border{ border-color:rgb(189, 181, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 181, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 181, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 181, 164); box-shadow:4px 4px 4px 4px rgb(189, 181, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.669, 90.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 181, 164) }
```

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

```
.background{ background-color: rgb(189,  
181, 164) }
```

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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