

Converting Colors

CIELCh(74, 1.896, 88.660)

Have a look what the booklet for
CIELCh(74, 1.896, 88.660) contains.

CIELCh(74, 2.272, 90.630)	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, 2.272, 90.630)

Conversions

Conversions Part 1

Format	Color
Hex	B8B6B2
RGB	184, 182, 178
RGB Percent	72%, 71%, 70%
CMY	0.2795, 0.2873, 0.3030
CMYK	0.00, 0.01, 0.03, 0.28
HSL	40°, 4%, 71%
HSV	40°, 3%, 72%
XYZ	44.3821, 46.7039, 48.6516
YIQ	182.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

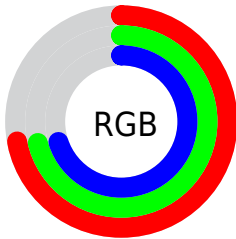
Format	Color
RYB	181, 184, 178
Decimal	12105394
CIELab	74.00, -0.02, 2.27
CIELCh	74, 2.272, 90.630
Yxy	46.7039, 0.3176, 0.3342
Android (android.graphics.Color)	4290295474 (0xFFB8B6B2)
YUV	182.1420, -2.0420, 1.6295
Hunter-Lab	68.3403, -3.6725, 5.6295

Details

The CIELCh color $74, 2.272, 90.630$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 2.288, 271.669$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 2.158, 90.689$, and $54, 2.423, 90.511$ is the 20% darker color. If you saturate the color by 10%, you get $72, 9.359, 89.507$, and if you desaturate by 10%, it is $76, 4.665, 272.018$.

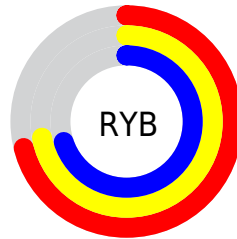
Distribution



Red (72%)

Green (71%)

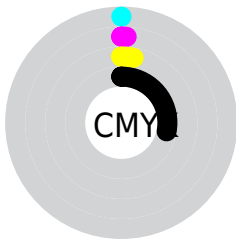
Blue (70%)



Red (71%)

Yellow (72%)

Blue (70%)

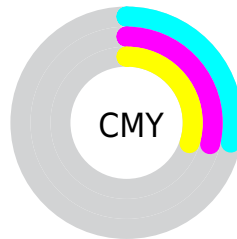


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 2.272, 90.630 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, 2.272, 90.630 by changing the saturation by 10% instead.

■ 74, 2.272, 90.630

■ 74, 2.272, 90.630

■ 100, 2.272, 90.630

■ 64, 2.272, 90.630

■ 94, 2.272, 90.630

■ 54, 2.272, 90.630

■ 44, 2.272, 90.630

■ 34, 2.272, 90.630

■ 24, 2.272, 90.630

■ 14, 2.272, 90.630

■ 4, 2.272, 90.630

■ 0, 2.272, 90.630

■ 74, 2.272, 90.630

■ 74, 2.272, 90.630

72, 9.359, 89.507

76, 4.665, 272.018

70, 16.592, 88.232

78, 11.461,
273.136

68, 23.955, 86.911

80, 18.123,
274.224

66, 31.406, 85.549

64, 38.856, 84.144

83, 24.661,
275.264

62, 46.128, 82.679

84, 23.962,
269.757

61, 52.902, 81.114

59, 58.648, 79.362

86, 21.804,
261.243

57, 62.649, 77.270

87, 20.209,
251.230

89, 19.301,
240.006

91, 19.161,
228.257

Harmonies

Complementary

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



74, 2.272, 90.630



73, 2.288, 271.669

Rectangle

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



74, 2.272, 90.630



74, 2.272, 140.630



74, 2.272, 270.630



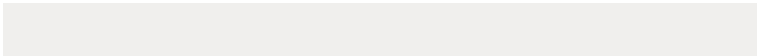
74, 2.272, 320.630

Sweetspot

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



74, 2.273, 90.674



94, 0.855, 90.724



73, 2.508, 353.812



50, 0.486, 90.713



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



74, 2.273, 90.674



94, 3.462, 90.596



74, 3.253, 116.476



38, 1.976, 90.533



48, 57.073, 76.106



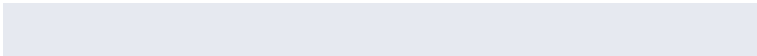
6, 9.687, 80.398

Inverse Universe

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



73, 2.288, 271.669



92, 3.478, 271.752



73, 3.292, 296.939



38, 1.984, 271.818



26, 66.741, 296.138



3, 11.819, 277.769

Previews

White Background



This preview shows how the CIELCh color 74, 2.272, 90.630 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, 2.272, 90.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

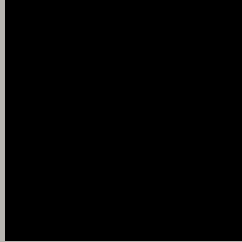
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

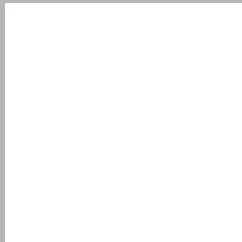
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 2.272, 90.630

Background



This preview shows how black text looks on a background with the CIELCh color 74, 2.272, 90.630.



This preview shows how white text looks on a background with the CIELCh color 74, 2.272, 90.630.

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, 2.272, 90.630

Protanopia

74, 2.850, 68.498

Deuteranopia

74, 9.277, 10.137



Tritanopia
74, 8.044, 309.373

Trichromacy



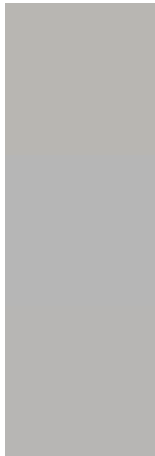
Original Color
74, 2.272, 90.630

Protanomaly
74, 2.617, 74.770

Deuteranomaly
74, 6.085, 14.760

Tritanomaly
74, 4.244, 316.297

Monochromacy



Original Color
74, 2.272, 90.630

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.131, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 2.272, 90.630 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(184, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 182, 178)  
}
```

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(184, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 182, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 2.272, 90.630 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(184, 182, 178) }
```

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

```
.border{ border-color:rgb(184, 182, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 182, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 182, 178);  
box-shadow:4px 4px 4px 4px rgb(184, 182,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 2.272, 90.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 182, 178) }
```

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

```
.background{ background-color: rgb(184,  
182, 178) }
```

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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