

Converting Colors

CIELCh(74, 22.384, 321.396)

Have a look what the booklet for
CIELCh(74, 22.384, 321.396)
contains.

CIELCh(74, 22.525, 321.404)	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, 22.525, 321.404)

Conversions

Conversions Part 1

Format	Color
Hex	CBACD0
RGB	203, 172, 208
RGB Percent	80%, 67%, 82%
CMY	0.2043, 0.3258, 0.1847
CMYK	0.02, 0.17, 0.00, 0.18
HSL	292°, 28%, 74%
HSV	292°, 17%, 82%
XYZ	50.7126, 46.7039, 65.9563
YIQ	185.3730, 6.9200, 17.7680

Conversions

Conversions Part 2

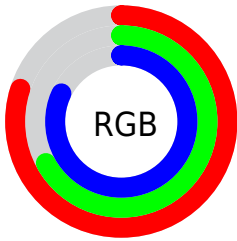
Format	Color
R_{YB}	203, 172, 208
Decimal	13348048
CIE _{Lab}	74.00, 17.60, -14.05
CIE _{LCh}	74, 22.525, 321.404
Yxy	46.7039, 0.3104, 0.2859
Android (android.graphics.Color)	4291538128 (0xFFCBACD0)
YUV	185.3730, 11.1551, 15.4589
Hunter-Lab	68.3403, 12.8622, -9.3836

Details

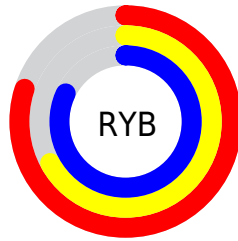
The CIELCh color $74, 22.525, 321.404$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 22.393, 139.713$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 17.506, 325.031$, and $54, 22.491, 321.363$ is the 20% darker color. If you saturate the color by 10%, you get $69, 35.660, 321.872$, and if you desaturate by 10%, it is $79, 9.447, 320.921$.

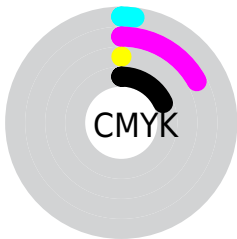
Distribution



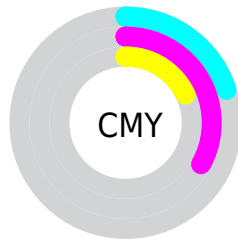
- Red (80%)
- Green (67%)
- Blue (82%)



- Red (80%)
- Yellow (67%)
- Blue (82%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 22.525, 321.404 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, 22.525, 321.404 by changing the saturation by 10% instead.

 74, 22.525,
321.404

 74, 22.525,
321.404

 100, 22.525,
321.404

 64, 22.525,
321.404

 94, 22.525,
321.404

 54, 22.525,
321.404

 44, 22.525,
321.404

 34, 22.525,
321.404

 24, 22.525,
321.404

 14, 22.525,
321.404

 4, 22.525, 321.404

74, 22.525,
321.404

74, 22.525,
321.404

69, 35.660,
321.872

79, 9.447, 320.921

85, 3.425, 140.553

64, 48.636,
322.316

91, 16.006,
140.056

59, 61.127,
322.715

96, 28.201,
139.624

55, 72.696,
323.040

96, 27.663,
137.889

51, 82.807,
323.258

97, 27.149,
136.072

48, 90.895,
323.334

97, 26.662,

■ 46, 96.506,
323.237

134.172

■ 45, 99.551,
322.953

■ 97, 26.205,
132.189

■ 44, 100.170,
322.864

■ 97, 25.780,
130.123

Harmonies

Complementary

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



74, 22.525, 321.404



80, 22.393, 139.713

Rectangle

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



74, 22.525, 321.404



74, 22.525, 11.404



74, 22.525, 141.404



74, 22.525, 191.404

Sweetspot

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



74, 22.523, 321.404



97, 7.611, 320.805



73, 16.692, 285.374



51, 5.195, 320.843



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, 22.523, 321.404



87, 32.306, 321.590



74, 18.379, 337.635



41, 7.376, 321.025



36, 85.573, 322.939



5, 29.905, 322.604

Inverse Universe

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



74, 14.076, 9.627



86, 20.382, 10.086



80, 18.197, 155.065



41, 4.527, 8.781



35, 70.615, 33.280



4, 20.103, 13.012

Previews

White Background



This preview shows how the CIELCh color 74, 22.525, 321.404 looks on a white background.

Color Contrast Check

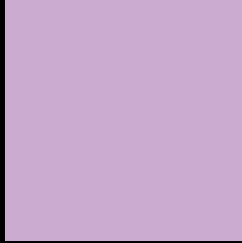
Large Text (above 18pt) WCAG AA × Fail

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, 22.525, 321.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

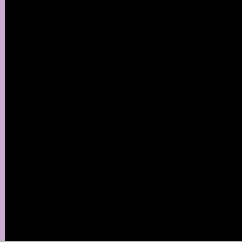
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 22.525, 321.404

Background



This preview shows how black text looks on a background with the CIELCh color 74, 22.525, 321.404.




This preview shows how white text looks on a background with the CIELCh color 74, 22.525, 321.404.

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





Tritanopia
74, 12.036, 341.516

Trichromacy



Original Color
74, 22.525, 321.404

Protanomaly
74, 18.695, 300.470

Deuteranomaly
74, 18.588, 311.887

Tritanomaly
74, 15.550, 330.823

Monochromacy



Original Color
74, 22.525, 321.404

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 8.342, 322.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 22.525, 321.404 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(203, 172, 208)` looks like.

```
.text, #text, p{  
    color:rgb(203, 172, 208)  
}
```

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(203, 172, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 172, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 22.525, 321.404 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(203, 172, 208) }
```

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

```
.border{ border-color:rgb(203, 172, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 172, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 172, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 172, 208);  
box-shadow:4px 4px 4px 4px rgb(203, 172,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 22.525, 321.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 172, 208) }
```

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

```
.background{ background-color: rgb(203,  
172, 208) }
```

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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