

Converting Colors

CIELCh(74, 20.208, 326.671)

Have a look what the booklet for
CIELCh(74, 20.208, 326.671)
contains.

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Color

CIELCh(74, 20.469, 326.141)

Conversions

Conversions Part 1

Format	Color
Hex	CCACCB
RGB	204, 172, 203
RGB Percent	80%, 67%, 80%
CMY	0.1996, 0.3251, 0.2036
CMYK	0.00, 0.16, 0.00, 0.20
HSL	302°, 24%, 74%
HSV	302°, 16%, 80%
XYZ	50.4852, 46.7039, 62.9091
YIQ	185.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

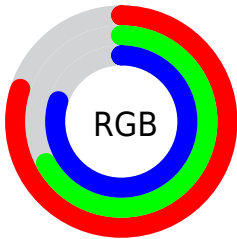
Format	Color
R_{YB}	204, 172, 203
Decimal	13413579
CIE _{Lab}	74.00, 17.00, -11.40
CIE _{LCh}	74, 20.469, 326.141
Yxy	46.7039, 0.3153, 0.2917
Android (android.graphics.Color)	4291603659 (0xFFCCACCB)
YUV	185.1020, 8.8237, 16.5735
Hunter-Lab	68.3403, 12.2683, -6.7398

Details

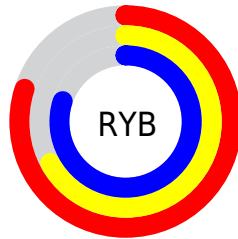
The CIELCh color $74, 20.469, 326.141$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 20.444, 144.319$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 17.506, 325.031$, and $54, 20.306, 326.417$ is the 20% darker color. If you saturate the color by 10%, you get $69, 33.557, 326.699$, and if you desaturate by 10%, it is $79, 7.375, 325.563$.

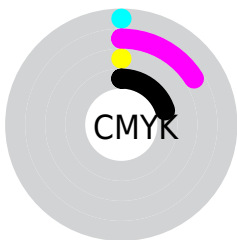
Distribution



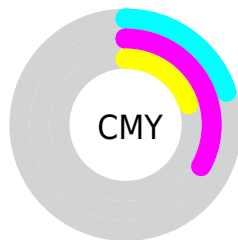
- Red (80%)
- Green (67%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 20.469, 326.141 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, 20.469, 326.141 by changing the saturation by 10% instead.


 74, 20.469,
326.141

 74, 20.469,
326.141


 100, 20.469,
326.141


 64, 20.469,
326.141


 94, 20.469,
326.141

 54, 20.469,
326.141

 44, 20.469,
326.141

 34, 20.469,
326.141

 24, 20.469,
326.141

 14, 20.469,
326.141

 4, 20.469, 326.141

■ 0, 20.469, 326.141

■ 74, 20.469,
326.141

■ 74, 20.469,
326.141

■ 69, 33.557,
326.699

■ 79, 7.375, 325.563

■ 84, 5.545, 145.100

■ 64, 46.389,
327.240

■ 90, 18.183,
144.533

■ 60, 58.608,
327.751

■ 95, 30.479,
144.014

■ 57, 69.765,
328.219

■ 96, 30.982,
144.304

■ 53, 79.348,
328.629

■ 96, 30.715,
144.653

■ 51, 86.866,
328.972

■ 96, 30.449,

■ 49, 91.975,
329.243

145.007

■ 48, 94.625,
329.447

■ 96, 30.184,
145.367

■ 48, 95.333,
329.523

■ 96, 29.920,
145.733

Harmonies

Complementary

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



74, 20.469, 326.141



79, 20.444, 144.319

Rectangle

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



74, 20.469, 326.141



74, 20.469, 16.141



74, 20.469, 146.141



74, 20.469, 196.141

Sweetspot

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



74, 20.467, 326.141



97, 7.777, 325.524



71, 17.484, 292.485



51, 5.308, 325.569



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, 20.467, 326.141



88, 29.745, 326.342



74, 14.633, 345.900



40, 7.380, 325.783



39, 81.702, 329.504



5, 28.325, 328.518

Inverse Universe

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



74, 20.467, 326.141



88, 29.745, 326.342



79, 14.324, 163.222



40, 7.380, 325.783



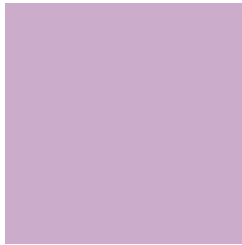
39, 81.702, 329.504



5, 28.325, 328.518

Previews

White Background



This preview shows how the CIELCh color 74, 20.469, 326.141 looks on a white background.

Color Contrast Check

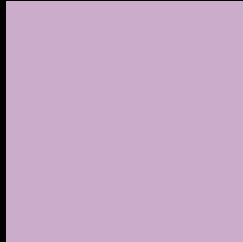
Large Text (above 18pt) WCAG AA × Fail

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, 20.469, 326.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

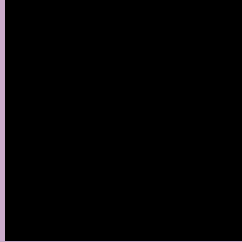
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 20.469, 326.141

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.469, 326.141.



This preview shows how white text looks on a background with the CIELCh color 74, 20.469, 326.141.

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, 20.469, 326.141

Protanopia

74, 15.197, 286.377

Deuteranopia

74, 14.402, 310.304



Tritanopia
74, 12.324, 345.782

Trichromacy



Original Color
74, 20.469, 326.141

Protanomaly
74, 16.096, 303.028

Deuteranomaly
74, 16.396, 317.565

Tritanomaly
74, 14.899, 337.166

Monochromacy



Original Color
74, 20.469, 326.141

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 7.892, 324.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.469, 326.141 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(204, 172, 203)` looks like.

```
.text, #text, p{  
    color:rgb(204, 172, 203)  
}
```

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(204, 172, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 172, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.469, 326.141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

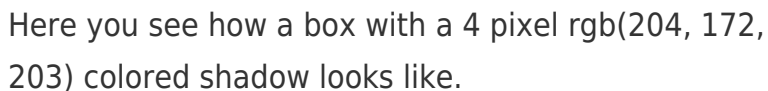
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 172, 203) }
```

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

```
.border{ border-color:rgb(204, 172, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 172, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 172, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 172, 203); box-shadow:4px 4px 4px 4px rgb(204, 172, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.469, 326.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 172, 203) }
```

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

```
.background{ background-color: rgb(204,  
172, 203) }
```

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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