

Converting Colors

CIELCh(74, 7.631, 321.981)

Have a look what the booklet for
CIELCh(74, 7.631, 321.981) contains.

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Color

CIELCh(74, 7.508, 320.053)

Conversions

Conversions Part 1	
Format	Color
Hex	BDB3BF
RGB	189, 179, 191
RGB Percent	74%, 70%, 75%
CMY	0.2596, 0.2988, 0.2518
CMYK	0.01, 0.06, 0.00, 0.25
HSL	290°, 9%, 72%
HSV	290°, 6%, 75%
XYZ	46.3961, 46.7039, 55.7409
YIQ	183.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

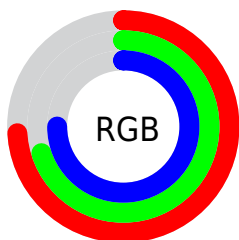
Format	Color
RYB	189, 179, 191
Decimal	12432319
CIELab	74.00, 5.76, -4.82
CIELCh	74, 7.508, 320.053
Yxy	46.7039, 0.3117, 0.3138
Android (android.graphics.Color)	4290622399 (0xFFBDB3BF)
YUV	183.3580, 3.7675, 4.9480
Hunter-Lab	68.3403, 1.5878, -0.5210

Details

The CIELCh color $74, 7.508, 320.053$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 7.473, 139.535$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 7.147, 319.984$, and $54, 7.985, 320.159$ is the 20% darker color. If you saturate the color by 10%, you get $69, 19.595, 320.523$, and if you desaturate by 10%, it is $79, 4.373, 139.684$.

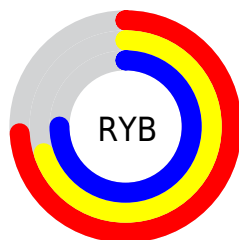
Distribution



Red (74%)

Green (70%)

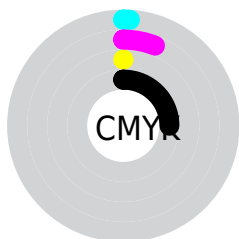
Blue (75%)



Red (74%)

Yellow (70%)

Blue (75%)

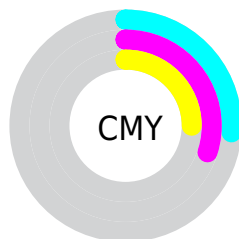


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (26%)

Magenta (30%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.508, 320.053 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, 7.508, 320.053 by changing the saturation by 10% instead.

 74, 7.508, 320.053

 74, 7.508, 320.053

 100, 7.508,
320.053

 64, 7.508, 320.053

 94, 7.508, 320.053

 54, 7.508, 320.053

 44, 7.508, 320.053

 34, 7.508, 320.053

 24, 7.508, 320.053

 14, 7.508, 320.053

 4, 7.508, 320.053

 0, 7.508, 320.053

 74, 7.508, 320.053

 74, 7.508, 320.053

69, 19.595,
320.523

64, 31.776,
320.981

59, 43.865,
321.417

55, 55.587,
321.813

51, 66.562,
322.138

47, 76.305,
322.358

44, 84.283,
322.433

42, 90.023,
322.326

40, 93.332,

79, 4.373, 139.684

84, 15.974,
139.224

90, 27.259,
138.817

95, 38.144,
138.433

95, 37.556,
137.035

95, 36.989,
135.578

96, 36.443,
134.061

96, 35.922,
132.486

96, 35.428,
130.850

Harmonies

Complementary

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



74, 7.508, 320.053



76, 7.473, 139.535

Rectangle

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



74, 7.508, 320.053



74, 7.508, 10.053



74, 7.508, 140.053



74, 7.508, 190.053

Sweetspot

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



74, 7.506, 320.052



96, 2.943, 319.802



74, 5.357, 282.130



52, 1.687, 319.793



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 7.506, 320.052



92, 11.811, 320.141



74, 6.320, 335.344



37, 6.723, 320.199



33, 81.990, 321.961



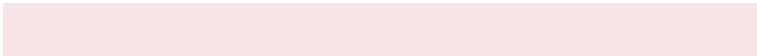
3, 19.837, 318.171

Inverse Universe

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



74, 4.648, 6.273



92, 7.342, 6.471



76, 6.289, 154.584



37, 4.189, 6.599



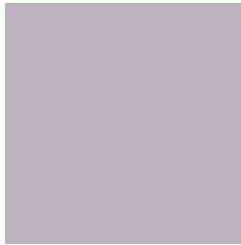
33, 66.031, 31.163



3, 12.450, 9.895

Previews

White Background



This preview shows how the CIELCh color 74, 7.508, 320.053 looks on a white background.

Color Contrast Check

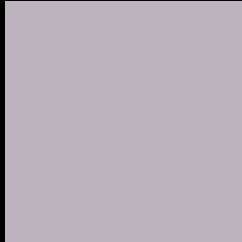
Large Text (above 18pt) WCAG AA × Fail

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, 7.508, 320.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

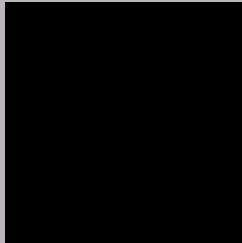
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

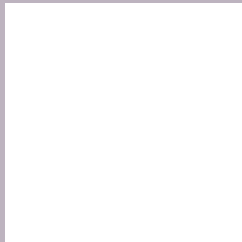
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 7.508, 320.053

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.508, 320.053.



This preview shows how white text looks on a background with the CIELCh color 74, 7.508, 320.053.

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, 7.508, 320.053

Protanopia

74, 5.978, 294.239

Deuteranopia

74, 10.129, 331.868



Tritanopia

74, 8.464, 316.464

Trichromacy

	Original Color 74, 7.508, 320.053
	Protanomaly 74, 6.689, 303.380
	Deuteranomaly 74, 8.998, 328.730
	Tritanomaly 74, 7.982, 318.148

Monochromacy

	Original Color 74, 7.508, 320.053
	Achromatopsia 74, 0.009, 296.813
	Achromatomaly 74, 3.107, 318.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.508, 320.053 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, 179, 191)` looks like.

```
.text, #text, p{  
    color:rgb(189, 179, 191)  
}
```

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, 179, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 179, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.508, 320.053 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, 179, 191) }
```

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

```
.border{ border-color:rgb(189, 179, 191) }
```

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

Here you see how a box with a 4 pixel rgb(189, 179, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 179, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 179, 191);  
box-shadow:4px 4px 4px 4px rgb(189, 179,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.508, 320.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 179, 191) }
```

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

```
.background{ background-color: rgb(189,  
179, 191) }
```

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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