

Converting Colors

CIELCh(74, 3.380, 241.028)

Have a look what the booklet for
CIELCh(74, 3.380, 241.028) contains.

CIELCh(74, 3.321, 240.144)	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, 3.321, 240.144)

Conversions

Conversions Part 1

Format	Color
Hex	B0B7BB
RGB	176, 183, 187
RGB Percent	69%, 72%, 73%
CMY	0.3097, 0.2822, 0.2665
CMYK	0.06, 0.02, 0.00, 0.27
HSL	202°, 7%, 71%
HSV	202°, 6%, 73%
XYZ	43.8256, 46.7039, 53.7372
YIQ	181.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

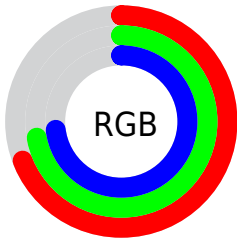
Format	Color
RYB	176, 180, 187
Decimal	11581371
CIELab	74.00, -1.65, -2.88
CIELCh	74, 3.321, 240.144
Yxy	46.7039, 0.3038, 0.3237
Android (android.graphics.Color)	4289771451 (0xFFB0B7BB)
YUV	181.3630, 2.7790, -4.7034
Hunter-Lab	68.3403, -5.1262, 1.2174

Details

The CIELCh color $74, 3.321, 240.144$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 3.401, 58.763$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 3.169, 240.052$, and $54, 3.241, 244.779$ is the 20% darker color. If you saturate the color by 10%, you get $71, 8.816, 241.151$, and if you desaturate by 10%, it is $77, 2.348, 58.869$.

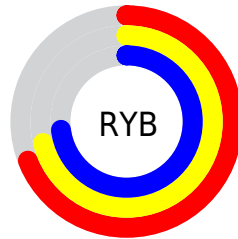
Distribution



Red (69%)

Green (72%)

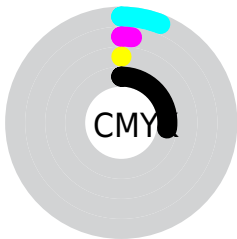
Blue (73%)



Red (69%)

Yellow (71%)

Blue (73%)

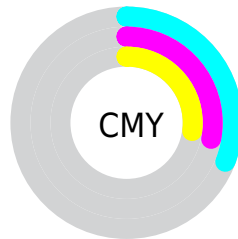


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 3.321, 240.144 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, 3.321, 240.144 by changing the saturation by 10% instead.

■ 74, 3.321, 240.144

■ 74, 3.321, 240.144

■ 100, 3.321,
240.144

■ 64, 3.321, 240.144

■ 94, 3.321, 240.144

■ 54, 3.321, 240.144

■ 44, 3.321, 240.144

■ 34, 3.321, 240.144

■ 24, 3.321, 240.144

■ 14, 3.321, 240.144

■ 4, 3.321, 240.144

■ 0, 3.321, 240.144

■ 74, 3.321, 240.144

■ 74, 3.321, 240.144

71, 8.816, 241.151

77, 2.348, 58.869

68, 14.088,
242.514

80, 8.148, 58.251

65, 19.086,
244.208

84, 14.042, 57.652

62, 23.762,
246.302

87, 19.999, 57.145

59, 28.076,
248.874

91, 22.623, 76.281

56, 32.014,
252.003

92, 24.357, 85.545

54, 35.602,
255.747

96, 29.331, 99.748

51, 38.917,
260.115

49, 42.093,
265.014

Harmonies

Complementary

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



74, 3.321, 240.144



74, 3.401, 58.763

Rectangle

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



74, 3.321, 240.144



74, 3.321, 290.144



74, 3.321, 60.144



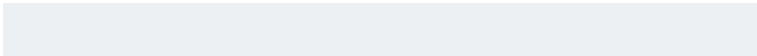
74, 3.321, 110.144

Sweetspot

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



74, 3.321, 240.111



95, 1.405, 239.987



75, 5.647, 156.021



51, 0.806, 239.998



98, 0.011, 296.813



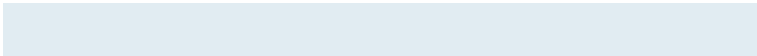
51, 0.007, 296.813

Same Dimension

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



74, 3.321, 240.111



93, 4.867, 240.214



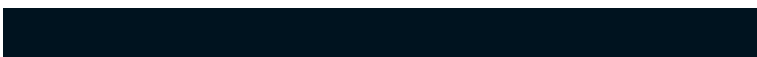
73, 5.112, 283.924



39, 2.572, 240.248



41, 38.026, 266.300



5, 10.126, 254.234

Inverse Universe

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



73, 5.624, 337.326



91, 8.268, 337.426



75, 5.056, 102.596



38, 4.373, 337.456



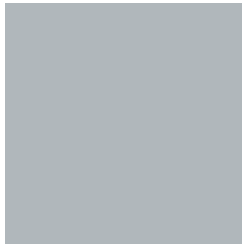
34, 62.374, 349.470



3, 15.274, 343.503

Previews

White Background



This preview shows how the CIE LCh color 74, 3.321, 240.144 looks on a white background.

Color Contrast Check

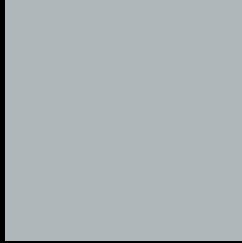
Large Text (above 18pt) WCAG AA × Fail

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, 3.321, 240.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

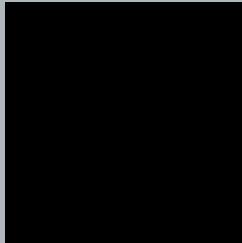
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

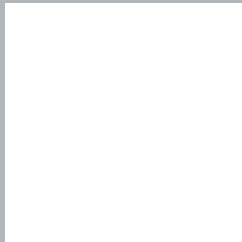
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 3.321, 240.144

Background



This preview shows how black text looks on a background with the CIELCh color 74, 3.321, 240.144.



This preview shows how white text looks on a background with the CIELCh color 74, 3.321, 240.144.

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

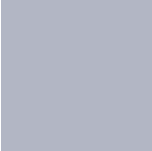
74, 3.321, 240.144

Protanopia

74, 2.945, 312.545

Deuteranopia

74, 9.916, 339.365



Tritanopia
74, 7.688, 280.164

Trichromacy



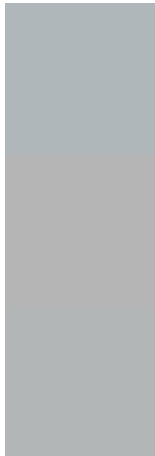
Original Color
74, 3.321, 240.144

Protanomaly
74, 2.197, 280.772

Deuteranomaly
74, 6.155, 327.530

Tritanomaly
74, 6.192, 273.843

Monochromacy



Original Color
74, 3.321, 240.144

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.229, 225.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 3.321, 240.144 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(176, 183, 187)` looks like.

```
.text, #text, p{  
    color:rgb(176, 183, 187)  
}
```

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(176, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 183, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 3.321, 240.144 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(176, 183, 187) }
```

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

```
.border{ border-color:rgb(176, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(176, 183,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 3.321, 240.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 183, 187) }
```

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

```
.background{ background-color: rgb(176,  
183, 187) }
```

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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