

# Converting Colors

CIELCh(74, 1.673, 238.067)

Have a look what the booklet for  
CIELCh(74, 1.673, 238.067) contains.

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# Color

**CIELCh(74, 1.540, 244.444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B6B8
RGB	179, 182, 184
RGB Percent	70%, 71%, 72%
CMY	0.2966, 0.2849, 0.2770
CMYK	0.03, 0.01, 0.00, 0.28
HSL	204°, 3%, 71%
HSV	204°, 3%, 72%
XYZ	44.1630, 46.7039, 52.2308
YIQ	181.3310, -2.4300, -0.0140

# Conversions

## Conversions Part 2

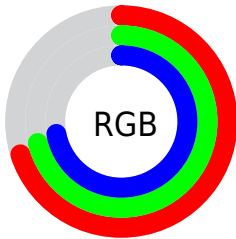
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 181, 184
Decimal	11777720
CIELab	74.00, -0.66, -1.39
CIELCh	74, 1.540, 244.444
Yxy	46.7039, 0.3086, 0.3264
Android (android.graphics.Color)	4289967800 (0xFFB3B6B8)
YUV	181.3310, 1.3158, -2.0443
Hunter-Lab	68.3403, -4.2448, 2.5243

# Details

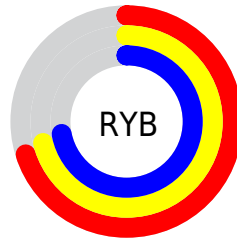
The CIELCh color  $74, 1.540, 244.444$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $74, 1.545, 63.281$ , and the grayscale version is  $74, 0.009, 296.813$ .

A 20% lighter version of the original color is  $94, 1.468, 244.457$ , and  $54, 1.636, 244.478$  is the 20% darker color. If you saturate the color by 10%, you get  $71, 7.108, 245.323$ , and if you desaturate by 10%, it is  $77, 4.157, 63.032$ .

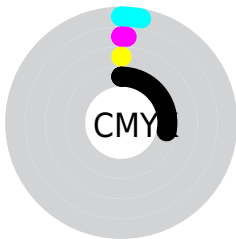
# Distribution



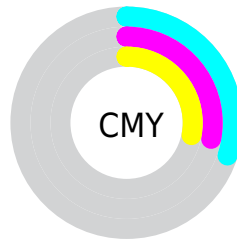
- Red (70%)
- Green (71%)
- Blue (72%)



- Red (70%)
- Yellow (71%)
- Blue (72%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 1.540, 244.444 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, 1.540, 244.444 by changing the saturation by 10% instead.



■ 74, 1.540, 244.444

■ 74, 1.540, 244.444

■ 100, 1.540,  
244.444

■ 64, 1.540, 244.444

■ 94, 1.540, 244.444

■ 54, 1.540, 244.444

■ 44, 1.540, 244.444

■ 34, 1.540, 244.444

■ 24, 1.540, 244.444

■ 14, 1.540, 244.444

■ 4, 1.540, 244.444

■ 0, 1.540, 244.444

■ 74, 1.540, 244.444

■ 74, 1.540, 244.444

71, 7.108, 245.323

77, 4.157, 63.032

67, 12.506,  
246.710

81, 9.948, 62.284

64, 17.694,  
248.418

84, 15.801, 61.621

61, 22.628,  
250.506

88, 21.693, 61.054

58, 27.276,  
253.046

91, 24.483, 81.498

55, 31.626,  
256.110

93, 26.707, 90.273

52, 35.698,  
259.752

97, 32.579,  
103.332

50, 39.557,  
263.980

47, 43.317,  
268.719



# Harmonies

# Complementary

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



74, 1.540, 244.444



74, 1.545, 63.281

# Rectangle

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



74, 1.540, 244.444



74, 1.540, 294.444



74, 1.540, 64.444



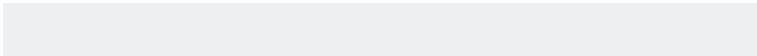
74, 1.540, 114.444

# Sweetspot

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



74, 1.540, 244.370



94, 0.708, 244.641



74, 2.504, 157.805



50, 0.403, 244.675



97, 0.011, 296.813



50, 0.007, 296.813



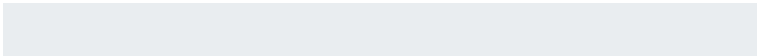


# Same Dimension

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



74, 1.540, 244.370



93, 2.106, 244.376



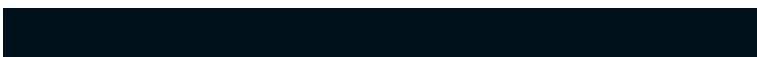
73, 2.408, 285.312



38, 1.279, 244.406



38, 40.255, 271.533



4, 9.316, 257.770



# Inverse Universe

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



74, 2.493, 338.663



93, 3.413, 338.703



75, 2.381, 104.658



38, 2.077, 338.776



34, 60.571, 352.396



3, 13.017, 344.979



# Previews

## White Background



This preview shows how the CIELCh color 74, 1.540, 244.444 looks on a white background.

## Color Contrast Check

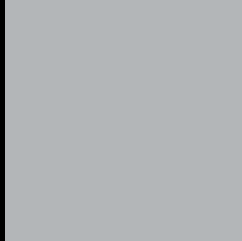
Large Text (above 18pt) WCAG AA × Fail

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, 1.540, 244.444 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

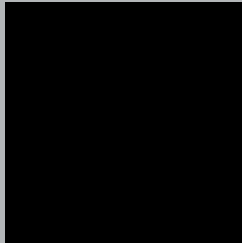
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

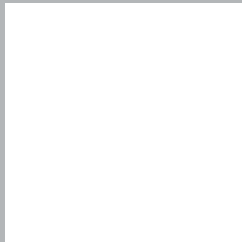
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# **CIELCh 74, 1.540, 244.444**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 74, 1.540, 244.444.

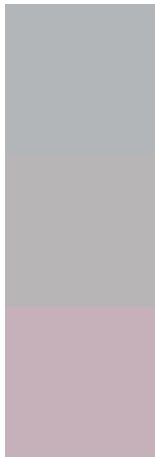


This preview shows how white text looks on a background with the CIELCh color 74, 1.540, 244.444.

# 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, 1.540, 244.444

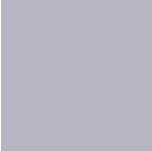
### Protanopia

74, 1.570, 335.569

### Deuteranopia

74, 9.879, 347.104





**Tritanopia**  
74, 7.586, 290.907

# Trichromacy



## Original Color

74, 1.540, 244.444

## Protanomaly

74, 1.157, 309.020

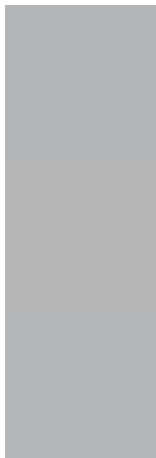
## Deuteranomaly

74, 6.183, 342.112

## Tritanomaly

74, 5.428, 286.868

# Monochromacy



## Original Color

74, 1.540, 244.444

## Achromatopsia

74, 0.009, 296.813

## Achromatomaly

74, 0.658, 256.071

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 1.540, 244.444 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(179, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 184)  
}
```

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(179, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 184) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 1.540, 244.444 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(179, 182, 184) }
```

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

```
.border{ border-color:rgb(179, 182, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
184) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 1.540, 244.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 184) }
```

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

```
.background{ background-color: rgb(179,  
182, 184) }
```

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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