

# Converting Colors

CIELCh(74, 5.293, 161.487)

Have a look what the booklet for  
CIELCh(74, 5.293, 161.487) contains.

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# Color

**CIELCh(74, 5.536, 163.190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADB9B3
RGB	173, 185, 179
RGB Percent	68%, 73%, 70%
CMY	0.3225, 0.2754, 0.2989
CMYK	0.06, 0.00, 0.03, 0.28
HSL	150°, 8%, 70%
HSV	150°, 6%, 72%
XYZ	42.5962, 46.7039, 49.2948
YIQ	180.7280, -5.2260, -4.4100

# Conversions

## Conversions Part 2

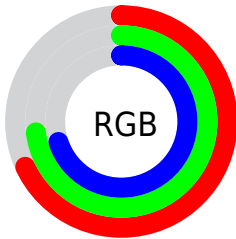
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 181, 185
Decimal	11385267
CIELab	74.00, -5.30, 1.60
CIElCh	74, 5.536, 163.190
Yxy	46.7039, 0.3073, 0.3370
Android (android.graphics.Color)	4289575347 (0xFFADB9B3)
YUV	180.7280, -0.8519, -6.7775
Hunter-Lab	68.3403, -8.3372, 5.0715

# Details

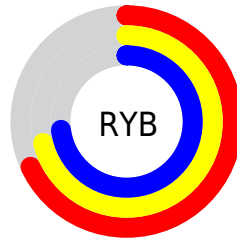
The CIELCh color `74, 5.536, 163.190` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 5.592, 344.107`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 5.552, 165.404`, and `54, 5.582, 160.691` is the 20% darker color. If you saturate the color by 10%, you get `72, 14.071, 162.257`, and if you desaturate by 10%, it is `76, 2.989, 343.787`.

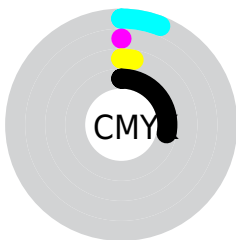
# Distribution



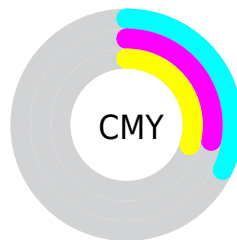
- Red (68%)
- Green (73%)
- Blue (70%)



- Red (68%)
- Yellow (71%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.536, 163.190 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, 5.536, 163.190 by changing the saturation by 10% instead.



■ 74, 5.536, 163.190

■ 74, 5.536, 163.190

■ 100, 5.536,  
163.190

■ 64, 5.536, 163.190

■ 94, 5.536, 163.190

■ 54, 5.536, 163.190

■ 44, 5.536, 163.190

■ 34, 5.536, 163.190

■ 24, 5.536, 163.190

■ 14, 5.536, 163.190

■ 4, 5.536, 163.190

■ 0, 5.536, 163.190

■ 74, 5.536, 163.190

■ 74, 5.536, 163.190

72, 14.071,  
162.257

76, 2.989, 343.787

71, 22.509,  
161.264

77, 11.430,  
344.613

70, 30.733,  
160.156

79, 19.727,  
345.300

69, 38.604,  
158.909

81, 27.840,  
345.929

68, 45.979,  
157.497

83, 32.889,  
342.285

67, 52.725,  
155.898

83, 35.928,  
336.111

67, 58.737,  
154.094

83, 39.348,  
331.029

66, 63.964,  
152.081

83, 43.052,  
326.865

66, 68.437,

83, 44.011,  
325.949

149.888

# Harmonies

# Complementary

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



74, 5.536, 163.190



72, 5.592, 344.107

# Rectangle

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



74, 5.536, 163.190



74, 5.536, 213.190



74, 5.536, 343.190



74, 5.536, 33.190

# Sweetspot

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



74, 5.538, 163.183



94, 2.099, 163.703



74, 6.846, 128.215



50, 1.193, 163.724



97, 0.011, 296.813



50, 0.007, 296.813



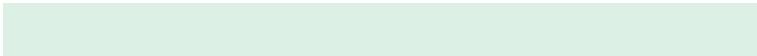


# Same Dimension

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



74, 5.538, 163.183



93, 8.431, 163.031



74, 4.388, 197.754



38, 4.808, 162.921



56, 61.149, 149.469



8, 14.441, 157.617



# Inverse Universe

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



72, 5.592, 344.107



90, 8.526, 344.259



72, 4.563, 18.327



36, 4.869, 344.369



33, 58.651, 1.369



3, 12.209, 350.783



# Previews

## White Background



This preview shows how the CIELCh color 74, 5.536, 163.190 looks on a white background.

## Color Contrast Check

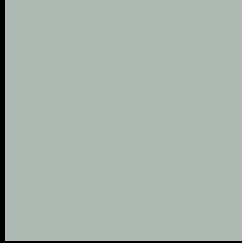
Large Text (above 18pt) WCAG AA × Fail

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, 5.536, 163.190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

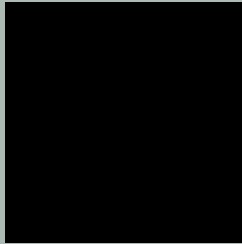
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

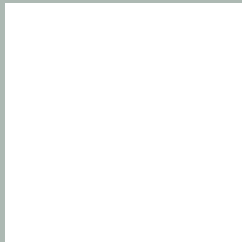
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 74, 5.536, 163.190

## Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.536, 163.190.



This preview shows how white text looks on a background with the CIELCh color 74, 5.536, 163.190.

# 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, 5.536, 163.190

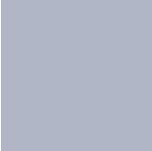
### Protanopia

74, 2.850, 68.498

### Deuteranopia

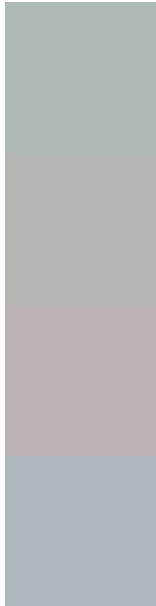
74, 9.493, 3.711





**Tritanopia**  
74, 8.358, 276.130

# Trichromacy



**Original Color**  
74, 5.536, 163.190

**Protanomaly**  
74, 2.190, 119.789

**Deuteranomaly**  
74, 4.181, 12.224

**Tritanomaly**  
74, 4.726, 252.773

# Monochromacy



**Original Color**  
74, 5.536, 163.190

**Achromatopsia**  
73, 0.009, 296.813

**Achromatomaly**  
74, 2.157, 169.368

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 5.536, 163.190 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(173, 185, 179)` looks like.

```
.text, #text, p{  
    color:rgb(173, 185, 179)  
}
```

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(173, 185, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 185, 179) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 5.536, 163.190 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(173, 185, 179) }
```

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

```
.border{ border-color:rgb(173, 185, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 185, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 185, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 185, 179);  
box-shadow:4px 4px 4px 4px rgb(173, 185,  
179) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 5.536, 163.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 185, 179) }
```

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

```
.background{ background-color: rgb(173,  
185, 179) }
```

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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