

Converting Colors

CIELCh(74, 7.055, 161.471)

Have a look what the booklet for
CIELCh(74, 7.055, 161.471) contains.

CIELCh(74, 6.460, 163.089)	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, 6.460, 163.089)

Conversions

Conversions Part 1

Format	Color
Hex	ABB9B2
RGB	171, 185, 178
RGB Percent	67%, 73%, 70%
CMY	0.3285, 0.2736, 0.3010
CMYK	0.08, 0.00, 0.04, 0.27
HSL	150°, 9%, 70%
HSV	150°, 8%, 73%
XYZ	42.3026, 46.7039, 49.0275
YIQ	180.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

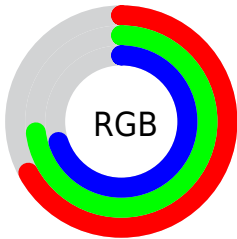
Format	Color
RYB	171, 180, 185
Decimal	11254194
CIELab	74.00, -6.18, 1.88
CIELCh	74, 6.460, 163.089
Yxy	46.7039, 0.3065, 0.3384
Android (android.graphics.Color)	4289444274 (0xFFABB9B2)
YUV	180.0160, -0.9939, -7.9070
Hunter-Lab	68.3403, -9.1041, 5.3034

Details

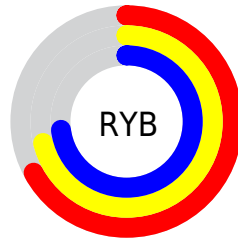
The CIELCh color **74, 6.460, 163.089** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 6.531, 344.206**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 6.431, 165.031**, and **54, 6.566, 160.911** is the 20% darker color. If you saturate the color by 10%, you get **72, 15.007, 162.156**, and if you desaturate by 10%, it is **76, 2.087, 343.650**.

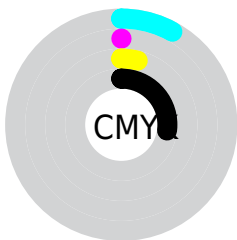
Distribution



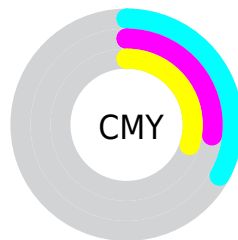
- Red (67%)
- Green (73%)
- Blue (70%)



- Red (67%)
- Yellow (71%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 6.460, 163.089 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, 6.460, 163.089 by changing the saturation by 10% instead.

■ 74, 6.460, 163.089

■ 74, 6.460, 163.089

■ 100, 6.460,
163.089

■ 64, 6.460, 163.089

■ 94, 6.460, 163.089

■ 54, 6.460, 163.089

■ 44, 6.460, 163.089

■ 34, 6.460, 163.089

■ 24, 6.460, 163.089

■ 14, 6.460, 163.089

■ 4, 6.460, 163.089

■ 0, 6.460, 163.089

■ 74, 6.460, 163.089

■ 74, 6.460, 163.089

72, 15.007,
162.156

76, 2.087, 343.650

71, 23.447,
161.151

77, 10.558,
344.535

70, 31.656,
160.029

79, 18.890,
345.230

69, 39.497,
158.765

81, 27.040,
345.865

68, 46.825,
157.335

83, 32.482,
342.726

67, 53.510,
155.714

83, 35.503,
336.423

67, 59.451,
153.887

83, 38.915,
331.243

67, 64.604,
151.851

83, 42.618,
327.004

66, 69.024,

84, 43.721,
325.939

149.652

Harmonies

Complementary

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



74, 6.460, 163.089



71, 6.531, 344.206

Rectangle

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



74, 6.460, 163.089



74, 6.460, 213.089



74, 6.460, 343.089



74, 6.460, 33.089

Sweetspot

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



74, 6.462, 163.083



94, 2.099, 163.703



74, 7.989, 128.164



50, 1.193, 163.723



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, 6.462, 163.083



93, 9.487, 162.937



74, 5.106, 197.676



38, 4.808, 162.920



56, 61.149, 149.469



8, 14.441, 157.617

Inverse Universe

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



71, 6.531, 344.206



89, 9.604, 344.352



71, 5.345, 18.418



36, 4.869, 344.369



33, 58.651, 1.368



3, 12.209, 350.783

Previews

White Background



This preview shows how the CIELCh color 74, 6.460, 163.089 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 CIELCh color 74, 6.460, 163.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

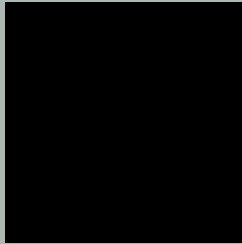
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

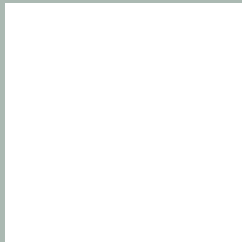
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 6.460, 163.089

Background



This preview shows how black text looks on a background with the CIELCh color 74, 6.460, 163.089.



This preview shows how white text looks on a background with the CIELCh color 74, 6.460, 163.089.

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, 6.460, 163.089

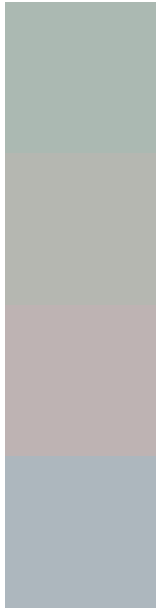
Protanopia
74, 3.277, 74.669

Deuteranopia
74, 9.370, 6.886



Tritanopia
74, 8.551, 271.531

Trichromacy



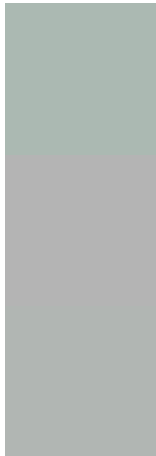
Original Color
74, 6.460, 163.089

Protanomaly
74, 3.325, 122.893

Deuteranomaly
74, 4.150, 19.629

Tritanomaly
74, 5.182, 246.402

Monochromacy



Original Color
74, 6.460, 163.089

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 2.480, 158.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 6.460, 163.089 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(171, 185, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 185, 178)  
}
```

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(171, 185, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 185, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 6.460, 163.089 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(171, 185, 178) }
```

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

```
.border{ border-color:rgb(171, 185, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 185, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 185, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 185, 178); box-shadow:4px 4px 4px 4px rgb(171, 185, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 6.460, 163.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 185, 178) }
```

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

```
.background{ background-color: rgb(171,  
185, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor