

Converting Colors

CIELCh(74, 4.831, 180.562)

Have a look what the booklet for
CIELCh(74, 4.831, 180.562) contains.

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Color

CIELCh(74, 5.066, 180.399)

Conversions

Conversions Part 1

Format	Color
Hex	ACB9B6
RGB	172, 185, 182
RGB Percent	67%, 73%, 71%
CMY	0.3264, 0.2755, 0.2872
CMYK	0.07, 0.00, 0.02, 0.28
HSL	166°, 8%, 70%
HSV	166°, 7%, 72%
XYZ	42.6743, 46.7039, 50.8873
YIQ	180.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

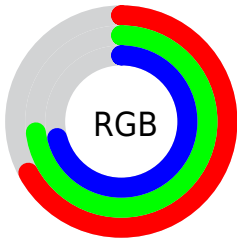
Format	Color
RYB	172, 179, 185
Decimal	11319734
CIELab	74.00, -5.07, -0.04
CIELCh	74, 5.066, 180.399
Yxy	46.7039, 0.3042, 0.3330
Android (android.graphics.Color)	4289509814 (0xFFACB9B6)
YUV	180.7710, 0.6059, -7.6922
Hunter-Lab	68.3403, -8.1334, 3.6898

Details

The CIELCh color `74, 5.066, 180.399` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 5.199, 1.482`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 5.157, 181.758`, and `54, 5.016, 178.791` is the 20% darker color. If you saturate the color by 10%, you get `73, 12.124, 179.399`, and if you desaturate by 10%, it is `76, 2.158, 0.959`.

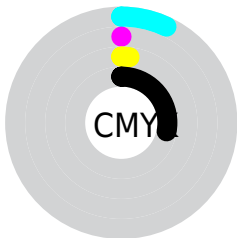
Distribution



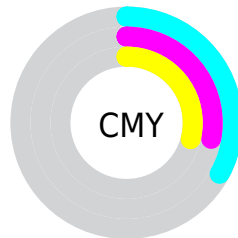
- Red (67%)
- Green (73%)
- Blue (71%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.066, 180.399 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, 5.066, 180.399 by changing the saturation by 10% instead.

■ 74, 5.066, 180.399

■ 74, 5.066, 180.399

■ 100, 5.066,
180.399

■ 64, 5.066, 180.399

■ 94, 5.066, 180.399

■ 54, 5.066, 180.399

■ 44, 5.066, 180.399

■ 34, 5.066, 180.399

■ 24, 5.066, 180.399

■ 14, 5.066, 180.399

■ 4, 5.066, 180.399

■ 0, 5.066, 180.399

■ 74, 5.066, 180.399

■ 74, 5.066, 180.399

73, 12.124,
179.399

76, 2.158, 0.959

71, 18.910,
178.394

77, 9.466, 1.972

70, 25.311,
177.325

79, 16.788, 2.803

69, 31.208,
176.172

82, 27.978, 1.773

69, 36.486,
174.913

82, 28.625,
357.463

68, 41.049,
173.524

82, 29.437,
353.379

68, 44.837,
171.983

82, 30.403,
349.548

67, 47.841,
170.268

82, 31.505,
345.983

67, 50.142,

Harmonies

Complementary

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



74, 5.066, 180.399



71, 5.199, 1.482

Rectangle

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



74, 5.066, 180.399



74, 5.066, 230.399



74, 5.066, 0.399



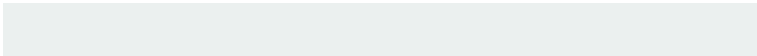
74, 5.066, 50.399

Sweetspot

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



74, 5.068, 180.386



94, 1.784, 181.062



74, 7.990, 137.521



50, 1.014, 181.090



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, 5.068, 180.386



93, 7.112, 180.274



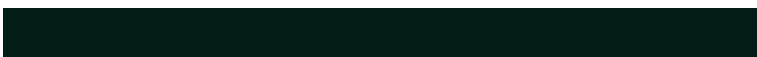
73, 3.923, 227.976



38, 4.050, 180.153



57, 44.540, 168.113



8, 11.863, 173.890

Inverse Universe

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



71, 5.199, 1.482



90, 7.323, 1.601



72, 4.077, 46.975



36, 4.188, 1.731



32, 62.600, 26.221



2, 10.988, 5.653

Previews

White Background



This preview shows how the CIELCh color 74, 5.066, 180.399 looks on a white background.

Color Contrast Check

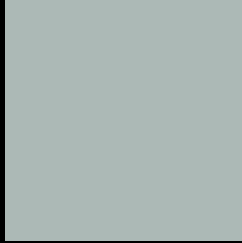
Large Text (above 18pt) WCAG AA × Fail

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, 5.066, 180.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

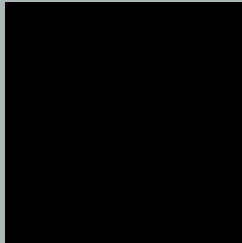
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

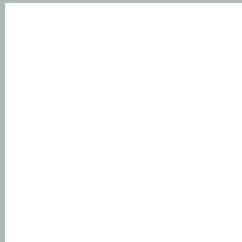
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.066, 180.399

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.066, 180.399.

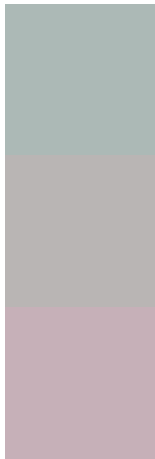


This preview shows how white text looks on a background with the CIELCh color 74, 5.066, 180.399.

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, 5.066, 180.399

Protanopia

74, 1.585, 39.099

Deuteranopia

74, 9.352, 352.694



Tritanopia
74, 8.551, 271.531

Trichromacy



Original Color
74, 5.066, 180.399

Protanomaly
74, 0.919, 163.974

Deuteranomaly
74, 4.020, 347.064

Tritanomaly
74, 5.577, 250.381

Monochromacy



Original Color
74, 5.066, 180.399

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.582, 179.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.066, 180.399 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(172, 185, 182)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 182)  
}
```

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(172, 185, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.066, 180.399 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(172, 185, 182) }
```

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

```
.border{ border-color:rgb(172, 185, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 182);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.066, 180.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 182) }
```

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

```
.background{ background-color: rgb(172,  
185, 182) }
```

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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