

Converting Colors

CIELCh(74, 9.617, 164.407)

Have a look what the booklet for
CIELCh(74, 9.617, 164.407) contains.

CIELCh(74, 9.511, 164.039)	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, 9.511, 164.039)

Conversions

Conversions Part 1

Format	Color
Hex	A6BBB1
RGB	166, 187, 177
RGB Percent	65%, 73%, 69%
CMY	0.3498, 0.2675, 0.3067
CMYK	0.11, 0.00, 0.05, 0.27
HSL	151°, 13%, 69%
HSV	151°, 11%, 73%
XYZ	41.3250, 46.7039, 48.3245
YIQ	179.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

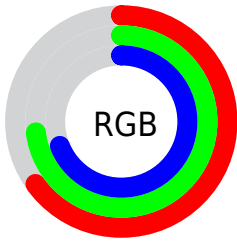
Format	Color
R_{YB}	166, 180, 187
Decimal	10927025
CIE Lab	74.00, -9.14, 2.62
CIE LCh	74, 9.511, 164.039
Yxy	46.7039, 0.3031, 0.3425
Android (android.graphics.Color)	4289117105 (0xFFA6BBB1)
YUV	179.5810, -1.2724, -11.9105
Hunter-Lab	68.3403, -11.6576, 5.9133

Details

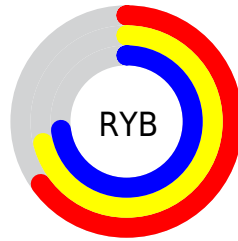
The CIELCh color $74, 9.511, 164.039$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $70, 9.668, 345.870$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.341, 165.440$, and $54, 9.796, 162.448$ is the 20% darker color. If you saturate the color by 10%, you get $73, 17.930, 163.073$, and if you desaturate by 10%, it is $76, 1.044, 165.225$.

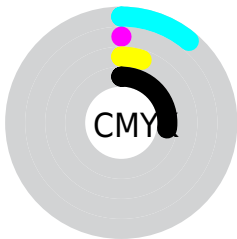
Distribution



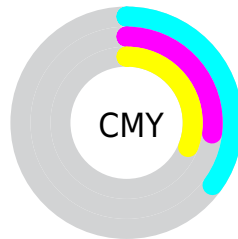
- Red (65%)
- Green (73%)
- Blue (69%)



- Red (65%)
- Yellow (71%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (35%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.511, 164.039 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, 9.511, 164.039 by changing the saturation by 10% instead.

■ 74, 9.511, 164.039

■ 74, 9.511, 164.039

■ 100, 9.511,
164.039

■ 64, 9.511, 164.039

■ 94, 9.511, 164.039

■ 54, 9.511, 164.039

■ 44, 9.511, 164.039

■ 34, 9.511, 164.039

■ 24, 9.511, 164.039

■ 14, 9.511, 164.039

■ 4, 9.511, 164.039

■ 0, 9.511, 164.039

■ 74, 9.511, 164.039

■ 74, 9.511, 164.039

73, 17.930,
163.073

76, 1.044, 165.225

71, 26.185,
162.016

77, 7.385, 345.575

70, 34.148,
160.836

79, 15.708,
346.321

69, 41.679,
159.506

81, 23.872,
346.995

68, 48.639,
158.003

83, 30.609,
345.804

68, 54.910,
156.304

83, 33.310,
339.086

67, 60.414,
154.396

83, 36.431,
333.518

67, 65.136,
152.281

84, 39.867,
328.940

67, 68.770,

84, 42.752,
325.906

Harmonies

Complementary

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



74, 9.511, 164.039



70, 9.668, 345.870

Rectangle

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



74, 9.511, 164.039



74, 9.511, 214.039



74, 9.511, 344.039



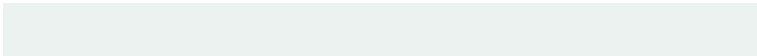
74, 9.511, 34.039

Sweetspot

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



74, 9.513, 164.035



95, 3.128, 164.852



74, 12.063, 129.169



51, 2.392, 164.753



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, 9.513, 164.035



93, 13.585, 163.851



74, 7.436, 200.347



39, 4.835, 164.210



57, 60.402, 150.668



9, 16.337, 158.042

Inverse Universe

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



70, 9.668, 345.870



87, 13.841, 346.056



70, 7.985, 21.415



37, 4.902, 345.693



34, 59.153, 3.679



3, 13.771, 352.998

Previews

White Background



This preview shows how the CIELCh color 74, 9.511, 164.039 looks on a white background.

Color Contrast Check

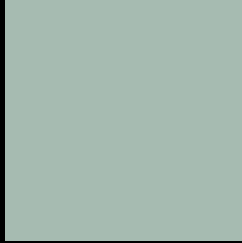
Large Text (above 18pt) WCAG AA × Fail

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, 9.511, 164.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

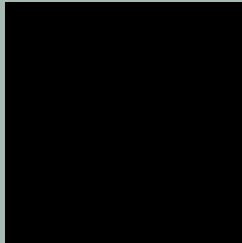
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 9.511, 164.039

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.511, 164.039.



This preview shows how white text looks on a background with the CIELCh color 74, 9.511, 164.039.

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](#).

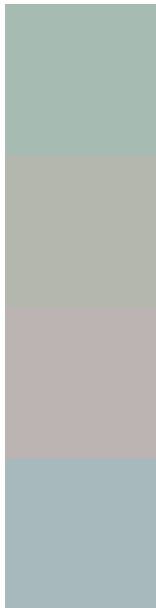
Dichromacy





Tritanopia
74, 9.128, 255.522

Trichromacy



Original Color
74, 9.511, 164.039

Protanomaly
74, 5.097, 126.899

Deuteranomaly
74, 3.195, 39.209

Tritanomaly
74, 6.613, 223.258

Monochromacy



Original Color
74, 9.511, 164.039

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.698, 163.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.511, 164.039 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(166, 187, 177)` looks like.

```
.text, #text, p{  
    color:rgb(166, 187, 177)  
}
```

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(166, 187, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 187, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.511, 164.039 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(166, 187, 177) }
```

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

```
.border{ border-color:rgb(166, 187, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 187, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 187, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 187, 177);  
box-shadow:4px 4px 4px 4px rgb(166, 187,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.511, 164.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 187, 177) }
```

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

```
.background{ background-color: rgb(166,  
187, 177) }
```

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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