

Converting Colors

CIELCh(74, 10.005, 198.659)

Have a look what the booklet for
CIELCh(74, 10.005, 198.659)
contains.

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Color

CIELCh(74, 9.981, 198.664)

Conversions

Conversions Part 1

Format	Color
Hex	9FB BBB
RGB	159, 187, 187
RGB Percent	62%, 73%, 73%
CMY	0.3751, 0.2652, 0.2653
CMYK	0.15, 0.00, 0.00, 0.27
HSL	180°, 17%, 68%
HSV	180°, 15%, 73%
XYZ	41.2230, 46.7039, 54.0580
YIQ	178.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

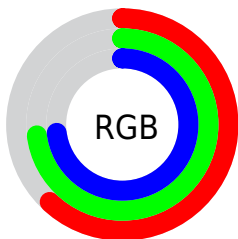
Format	Color
RYB	159, 173, 187
Decimal	10468283
CIELab	74.00, -9.46, -3.19
CIElCh	74, 9.981, 198.664
Yxy	46.7039, 0.2903, 0.3289
Android (android.graphics.Color)	4288658363 (0xFF9FB BBB)
YUV	178.6280, 4.1274, -17.2138
Hunter-Lab	68.3403, -11.9239, 0.9391

Details

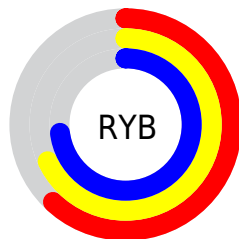
The CIELCh color `74, 9.981, 198.664` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `68, 10.980, 20.360`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.919, 198.820`, and `54, 10.091, 198.424` is the 20% darker color. If you saturate the color by 10%, you get `73, 16.138, 198.156`, and if you desaturate by 10%, it is `75, 3.390, 199.280`.

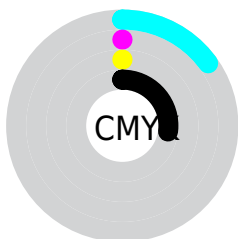
Distribution



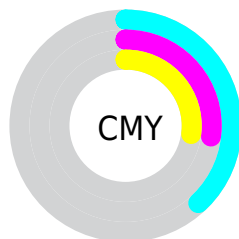
- Red (62%)
- Green (73%)
- Blue (73%)



- Red (62%)
- Yellow (68%)
- Blue (73%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.981, 198.664 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, 9.981, 198.664 by changing the saturation by 10% instead.

■ 74, 9.981, 198.664

■ 74, 9.981, 198.664

■ 100, 9.981,
198.664

■ 64, 9.981, 198.664

■ 94, 9.981, 198.664

■ 54, 9.981, 198.664

■ 44, 9.981, 198.664

■ 34, 9.981, 198.664

■ 24, 9.981, 198.664

■ 14, 9.981, 198.664

■ 4, 9.981, 198.664

■ 0, 9.981, 198.664

■ 74, 9.981, 198.664

■ 74, 9.981, 198.664

73, 16.138,
198.156

75, 3.390, 199.280

72, 21.750,
197.717

77, 3.533, 19.532

71, 26.709,
197.337

78, 10.694, 20.215

70, 30.919,
197.021

82, 25.430, 21.460

70, 34.309,
196.770

82, 26.210, 21.524

69, 36.844,
196.583

82, 26.210, 21.521

69, 38.536,
196.459

82, 26.210, 21.519

69, 39.455,
196.392

82, 26.210, 21.517

69, 39.756,

Harmonies

Complementary

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



74, 9.981, 198.664



68, 10.980, 20.360

Rectangle

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



74, 9.981, 198.664



74, 9.981, 248.664



74, 9.981, 18.664



74, 9.981, 68.664

Sweetspot

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



74, 9.982, 198.656



96, 3.411, 199.361



73, 18.467, 143.120



51, 2.419, 199.291



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, 9.982, 198.656



94, 14.787, 198.481



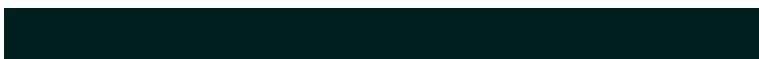
70, 8.911, 255.624



39, 3.863, 198.973



59, 35.063, 196.370



9, 11.664, 196.726

Inverse Universe

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



68, 10.980, 20.360



85, 16.643, 20.651



72, 9.289, 71.775



37, 4.096, 19.909



32, 72.799, 39.660



3, 12.251, 19.398

Previews

White Background



This preview shows how the CIELCh color 74, 9.981, 198.664 looks on a white background.

Color Contrast Check

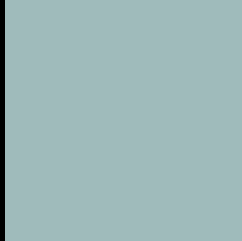
Large Text (above 18pt) WCAG AA × Fail

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, 9.981, 198.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

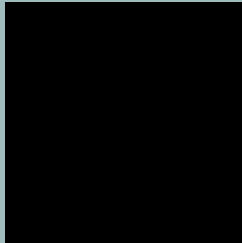
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

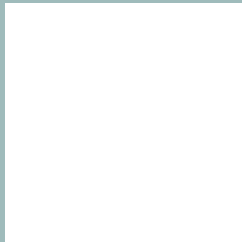
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 9.981, 198.664

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.981, 198.664.

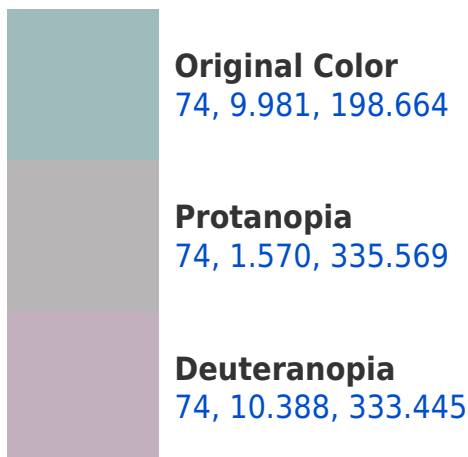


This preview shows how white text looks on a background with the CIELCh color 74, 9.981, 198.664.

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, 11.217, 245.585

Trichromacy



Original Color
74, 9.981, 198.664

Protanomaly
74, 3.106, 219.779

Deuteranomaly
74, 4.949, 299.156

Tritanomaly
74, 9.911, 228.413

Monochromacy



Original Color
74, 9.981, 198.664

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.671, 199.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.981, 198.664 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(159, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(159, 187, 187)  
}
```

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(159, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 187, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.981, 198.664 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(159, 187, 187) }
```

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

```
.border{ border-color:rgb(159, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 187, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 187, 187); box-shadow:4px 4px 4px 4px rgb(159, 187, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.981, 198.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 187, 187) }
```

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

```
.background{ background-color: rgb(159,  
187, 187) }
```

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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