

Converting Colors

CIELCh(74, 10.283, 204.934)

Have a look what the booklet for
CIELCh(74, 10.283, 204.934)
contains.

CIELCh(74, 10.301, 204.716)	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, 10.301, 204.716)

Conversions

Conversions Part 1

Format	Color
Hex	9EBBBD
RGB	158, 187, 189
RGB Percent	62%, 73%, 74%
CMY	0.3789, 0.2651, 0.2573
CMYK	0.16, 0.01, 0.00, 0.26
HSL	184°, 19%, 68%
HSV	184°, 16%, 74%
XYZ	41.2553, 46.7039, 55.2058
YIQ	178.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

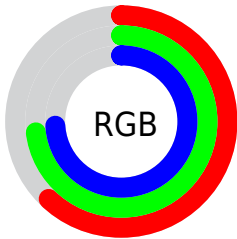
Format	Color
RYB	158, 173, 189
Decimal	10402749
CIELab	74.00, -9.36, -4.31
CIELCh	74, 10.301, 204.716
Yxy	46.7039, 0.2882, 0.3262
Android (android.graphics.Color)	4288592829 (0xFF9EBBBD)
YUV	178.5570, 5.1484, -18.0285
Hunter-Lab	68.3403, -11.8396, -0.0567

Details

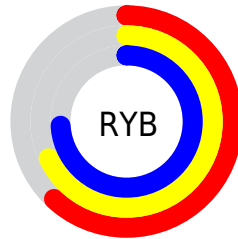
The CIELCh color **74, 10.301, 204.716** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 11.476, 25.829**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 10.240, 204.604**, and **54, 10.400, 204.819** is the 20% darker color. If you saturate the color by 10%, you get **73, 16.049, 204.496**, and if you desaturate by 10%, it is **76, 4.120, 205.056**.

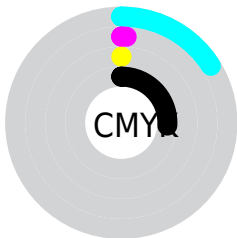
Distribution



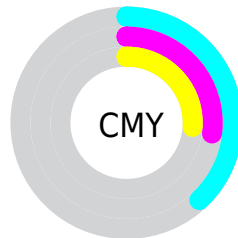
- Red (62%)
- Green (73%)
- Blue (74%)



- Red (62%)
- Yellow (68%)
- Blue (74%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)





- Cyan (38%)
- Magenta (27%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 10.301, 204.716 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, 10.301, 204.716 by changing the saturation by 10% instead.


 74, 10.301,
204.716


 74, 10.301,
204.716


 100, 10.301,
204.716


 64, 10.301,
204.716


 94, 10.301,
204.716

 54, 10.301,
204.716

 44, 10.301,
204.716

 34, 10.301,
204.716

 24, 10.301,
204.716

 14, 10.301,
204.716

 4, 10.301, 204.716

0, 10.301, 204.716

74, 10.301,
204.716

74, 10.301,
204.716

73, 16.049,
204.496

76, 4.120, 205.056

71, 21.259,
204.390

77, 2.397, 25.036

79, 9.164, 25.579

70, 25.825,
204.403

81, 16.108, 26.019

69, 29.654,
204.556

83, 23.167, 26.468

84, 23.544, 27.930

68, 32.671,
204.869

84, 23.179, 29.556

67, 34.841,
205.365

84, 22.833, 31.233

■ 67, 36.174,
206.063

■ 85, 22.507, 32.961

■ 66, 36.754,
206.974

■ 66, 36.880,
207.329

Harmonies

Complementary

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



74, 10.301, 204.716



68, 11.476, 25.829

Rectangle

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



74, 10.301, 204.716



74, 10.301, 254.716



74, 10.301, 24.716



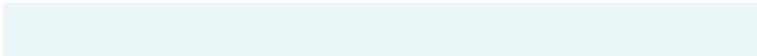
74, 10.301, 74.716

Sweetspot

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



74, 10.302, 204.708



96, 4.028, 205.128



74, 19.838, 144.792



52, 2.766, 205.086



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 10.302, 204.708



93, 15.438, 204.611



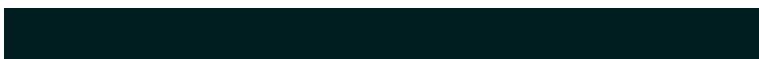
70, 10.446, 262.955



39, 3.626, 204.928



56, 32.298, 207.168



9, 10.697, 205.400

Inverse Universe

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



69, 19.667, 327.127



85, 29.870, 327.354



72, 10.751, 78.544



37, 6.764, 326.720



37, 76.911, 330.939



3, 20.173, 327.800

Previews

White Background



This preview shows how the CIELCh color 74, 10.301, 204.716 looks on a white background.

Color Contrast Check

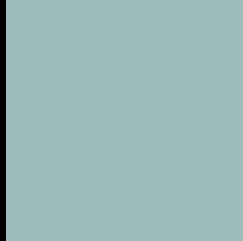
Large Text (above 18pt) WCAG AA × Fail

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, 10.301, 204.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

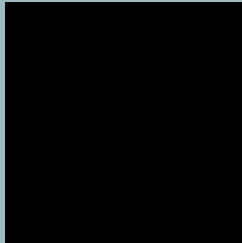
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

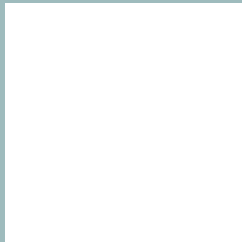
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 10.301, 204.716

Background



This preview shows how black text looks on a background with the CIELCh color 74, 10.301, 204.716.

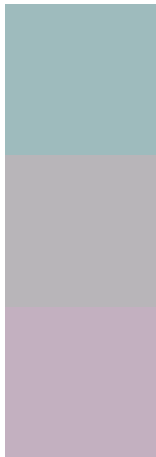


This preview shows how white text looks on a background with the CIELCh color 74, 10.301, 204.716.

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, 10.301, 204.716

Protanopia
74, 2.453, 317.311

Deuteranopia
74, 11.194, 329.657



Tritanopia
74, 11.583, 239.937

Trichromacy



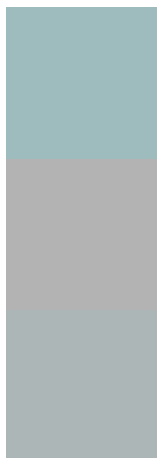
Original Color
74, 10.301, 204.716

Protanomaly
74, 3.602, 236.370

Deuteranomaly
74, 6.022, 297.701

Tritanomaly
74, 10.786, 225.725

Monochromacy



Original Color
74, 10.301, 204.716

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.693, 207.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 10.301, 204.716 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(158, 187, 189)` looks like.

```
.text, #text, p{  
    color:rgb(158, 187, 189)  
}
```

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(158, 187, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 187, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 10.301, 204.716 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(158, 187, 189) }
```

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

```
.border{ border-color:rgb(158, 187, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 187, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 187, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 187, 189);  
box-shadow:4px 4px 4px 4px rgb(158, 187,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 10.301, 204.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 187, 189) }
```

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

```
.background{ background-color: rgb(158,  
187, 189) }
```

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