

Converting Colors

CIELCh(74, 9.886, 275.862)

Have a look what the booklet for
CIELCh(74, 9.886, 275.862) contains.

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Color

CIELCh(74, 10.004, 276.790)

Conversions

Conversions Part 1

Format	Color
Hex	AFB6C8
RGB	175, 182, 200
RGB Percent	69%, 71%, 78%
CMY	0.3140, 0.2865, 0.2159
CMYK	0.13, 0.09, 0.00, 0.22
HSL	223°, 18%, 74%
HSV	223°, 13%, 78%
XYZ	44.7980, 46.7039, 61.2577
YIQ	181.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

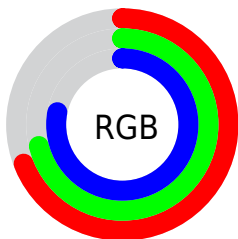
Format	Color
R_{YB}	175, 180, 200
Decimal	11515592
CIE Lab	74.00, 1.18, -9.93
CIE LCh	74, 10.004, 276.790
Yxy	46.7039, 0.2933, 0.3057
Android (android.graphics.Color)	4289705672 (0xFFAFB6C8)
YUV	181.9590, 8.8942, -6.1030
Hunter-Lab	68.3403, -2.5864, -5.3072

Details

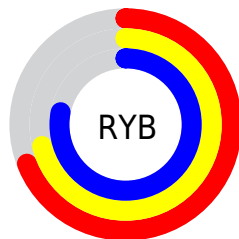
The CIELCh color `74, 10.004, 276.790` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 9.949, 93.625`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.029, 275.554`, and `54, 10.081, 276.476` is the 20% darker color. If you saturate the color by 10%, you get `69, 18.195, 278.306`, and if you desaturate by 10%, it is `79, 1.988, 275.551`.

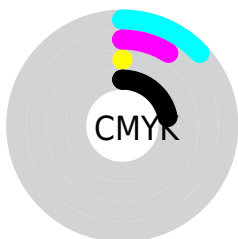
Distribution



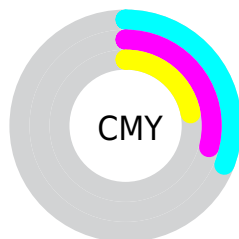
- Red (69%)
- Green (71%)
- Blue (78%)



- Red (69%)
- Yellow (71%)
- Blue (78%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)





- Cyan (31%)
- Magenta (29%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 10.004, 276.790 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, 10.004, 276.790 by changing the saturation by 10% instead.


 74, 10.004,
276.790


 74, 10.004,
276.790


 100, 10.004,
276.790


 64, 10.004,
276.790


 94, 10.004,
276.790

 54, 10.004,
276.790

 44, 10.004,
276.790

 34, 10.004,
276.790

 24, 10.004,
276.790

 14, 10.004,
276.790

 4, 10.004, 276.790

0, 10.004, 276.790

74, 10.004,
276.790

74, 10.004,
276.790

69, 18.195,
278.306

79, 1.988, 275.551

85, 5.856, 94.278

63, 26.578,
280.092

90, 13.535, 93.315

58, 35.171,
282.179

95, 21.053, 92.462

53, 44.000,
284.601

99, 27.242,
107.235

48, 53.097,
287.372

99, 27.766,
108.069

43, 62.475,
290.464

■ 39, 72.079,
293.781

■ 35, 81.696,
297.143

■ 32, 88.670,
299.479

Harmonies

Complementary

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



74, 10.004, 276.790



78, 9.949, 93.625

Rectangle

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



74, 10.004, 276.790



74, 10.004, 326.790



74, 10.004, 96.790



74, 10.004, 146.790

Sweetspot

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



74, 10.003, 276.783



97, 3.871, 275.703



79, 9.828, 176.017



52, 2.752, 275.788



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 10.003, 276.783



90, 14.661, 277.172



73, 13.779, 299.513



39, 4.504, 276.358



26, 75.145, 298.993



3, 17.414, 283.156

Inverse Universe

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



74, 10.191, 358.519



90, 14.980, 358.821



80, 13.423, 117.816



39, 4.572, 358.181



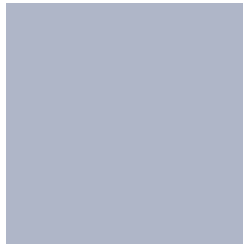
34, 63.207, 22.297



4, 16.441, 5.208

Previews

White Background



This preview shows how the CIELCh color 74, 10.004, 276.790 looks on a white background.

Color Contrast Check

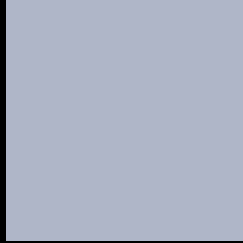
Large Text (above 18pt) WCAG AA × Fail

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, 10.004, 276.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

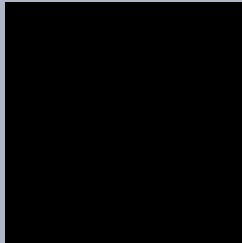
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

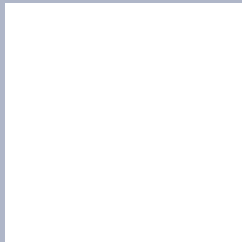
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 10.004, 276.790

Background



This preview shows how black text looks on a background with the CIELCh color 74, 10.004, 276.790.

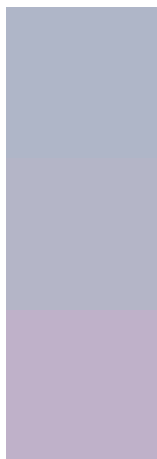


This preview shows how white text looks on a background with the CIELCh color 74, 10.004, 276.790.

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, 10.004, 276.790

Protanopia

74, 9.751, 289.013

Deuteranopia

74, 14.019, 312.421



Tritanopia
74, 8.551, 271.531

Trichromacy



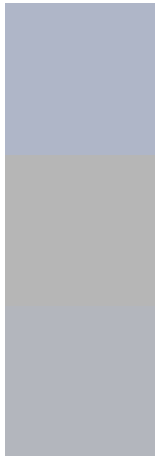
Original Color
74, 10.004, 276.790

Protanomaly
74, 9.791, 284.855

Deuteranomaly
74, 12.155, 301.457

Tritanomaly
74, 9.060, 272.759

Monochromacy



Original Color
74, 10.004, 276.790

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.931, 274.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 10.004, 276.790 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(175, 182, 200)` looks like.

```
.text, #text, p{  
    color:rgb(175, 182, 200)  
}
```

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(175, 182, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 182, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 10.004, 276.790 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(175, 182, 200) }
```

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

```
.border{ border-color:rgb(175, 182, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 182, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 182, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 182, 200);  
box-shadow:4px 4px 4px 4px rgb(175, 182,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 10.004, 276.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 182, 200) }
```

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

```
.background{ background-color: rgb(175,  
182, 200) }
```

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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