

Converting Colors

CIELCh(75, 8.032, 347.174)

Have a look what the booklet for
CIELCh(75, 8.032, 347.174) contains.

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Color

CIELCh(75, 8.009, 347.498)

Conversions

Conversions Part 1

Format	Color
Hex	C6B4BC
RGB	198, 180, 188
RGB Percent	78%, 71%, 74%
CMY	0.2235, 0.2941, 0.2627
CMYK	0.00, 0.09, 0.05, 0.22
HSL	333°, 14%, 74%
HSV	333°, 9%, 78%
XYZ	48.6861, 48.2781, 54.3286
YIQ	186.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

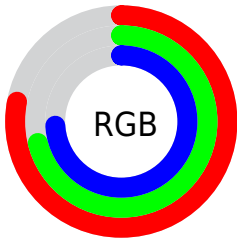
Format	Color
R _Y B	198, 180, 188
Decimal	13022396
CIE Lab	75.00, 7.82, -1.73
CIE LCh	75, 8.009, 347.498
Yxy	48.2781, 0.3218, 0.3191
Android (android.graphics.Color)	4291212476 (0xFFC6B4BC)
YUV	186.2940, 0.8411, 10.2662
Hunter-Lab	69.4824, 3.4801, 2.2786

Details

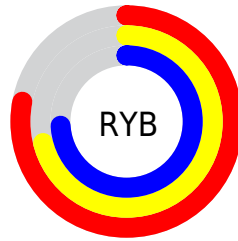
The CIELCh color $75, 8.009, 347.498$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 7.884, 166.031$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.925, 348.738$, and $55, 8.184, 346.221$ is the 20% darker color. If you saturate the color by 10%, you get $70, 17.031, 348.501$, and if you desaturate by 10%, it is $80, 0.783, 167.230$.

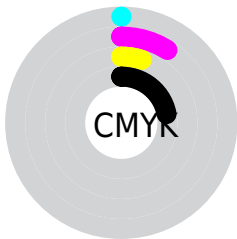
Distribution



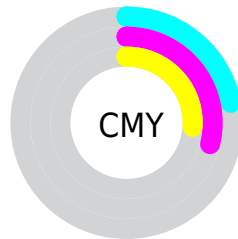
- Red (78%)
- Green (71%)
- Blue (74%)



- Red (78%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.009, 347.498 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 75, 8.009, 347.498 by changing the saturation by 10% instead.

■ 75, 8.009, 347.498

■ 75, 8.009, 347.498

■ 100, 8.009,
347.498

■ 65, 8.009, 347.498

■ 95, 8.009, 347.498

■ 55, 8.009, 347.498

■ 45, 8.009, 347.498

■ 35, 8.009, 347.498

■ 25, 8.009, 347.498

■ 15, 8.009, 347.498

■ 5, 8.009, 347.498

■ 0, 8.009, 347.498

■ 75, 8.009, 347.498

■ 75, 8.009, 347.498

70, 17.031,
348.501

80, 0.783, 167.230

65, 26.180,
349.609

86, 9.282, 165.953

60, 35.274,
350.882

91, 17.469,
165.218

55, 44.036,
352.381

96, 22.988,
167.095

51, 52.086,
354.192

96, 20.235,
180.402

48, 58.972,
356.431

96, 18.766,
196.706

45, 64.261,
359.253

96, 18.710,
198.269

43, 67.708, 2.832

42, 69.621, 7.207

Harmonies

Complementary

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



75, 8.009, 347.498



78, 7.884, 166.031

Rectangle

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



75, 8.009, 347.498



75, 8.009, 37.498



75, 8.009, 167.498



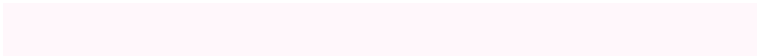
75, 8.009, 217.498

Sweetspot

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



75, 8.007, 347.504



98, 3.220, 346.863



75, 10.427, 311.171



52, 2.443, 346.967



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 8.007, 347.504



93, 11.933, 347.706



75, 6.500, 24.119



39, 5.016, 347.533



35, 60.457, 6.860



4, 17.367, 356.323

Inverse Universe

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



75, 8.007, 347.504



93, 11.933, 347.706



78, 6.134, 203.541



39, 5.016, 347.533



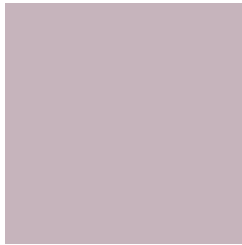
35, 60.457, 6.860



4, 17.367, 356.323

Previews

White Background



This preview shows how the CIELCh color 75, 8.009, 347.498 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 75, 8.009, 347.498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

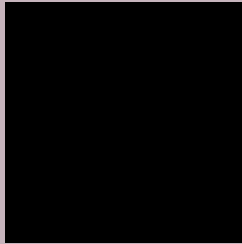
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 8.009, 347.498

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.009, 347.498.



This preview shows how white text looks on a background with the CIELCh color 75, 8.009, 347.498.

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

75, 8.009, 347.498

Protanopia

75, 3.338, 303.200

Deuteranopia

75, 9.574, 349.806



Tritanopia
75, 10.613, 334.938

Trichromacy



Original Color
75, 8.009, 347.498

Protanomaly
75, 4.173, 328.760

Deuteranomaly
75, 9.252, 348.578

Tritanomaly
75, 9.886, 339.353

Monochromacy



Original Color
75, 8.009, 347.498

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 2.772, 343.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.009, 347.498 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(198, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 180, 188)  
}
```

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(198, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 180, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.009, 347.498 is called "border". The border property can be set on classes, ids or directly on the HTML element.

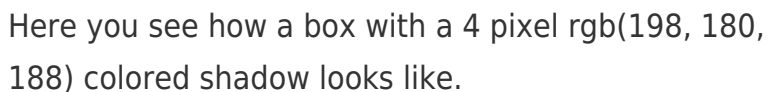
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 180, 188) }
```

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

```
.border{ border-color:rgb(198, 180, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 180, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 180, 188); box-shadow:4px 4px 4px 4px rgb(198, 180, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.009, 347.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 180, 188) }
```

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

```
.background{ background-color: rgb(198,  
180, 188) }
```

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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