

Converting Colors

CIELCh(75, 10.896, 350.278)

Have a look what the booklet for
CIELCh(75, 10.896, 350.278)
contains.

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Color

CIELCh(75, 10.824, 350.508)

Conversions

Conversions Part 1

Format	Color
Hex	CBB2BC
RGB	203, 178, 188
RGB Percent	80%, 70%, 74%
CMY	0.2032, 0.3012, 0.2620
CMYK	0.00, 0.12, 0.07, 0.20
HSL	336°, 19%, 75%
HSV	336°, 12%, 80%
XYZ	49.7366, 48.2781, 54.3813
YIQ	186.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

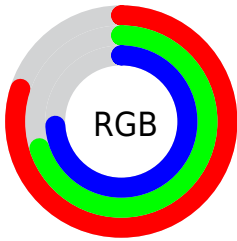
Format	Color
R_{YB}	203, 178, 188
Decimal	13349564
CIE _{Lab}	75.00, 10.68, -1.78
CIE _{LCh}	75, 10.824, 350.508
Yxy	48.2781, 0.3264, 0.3168
Android (android.graphics.Color)	4291539644 (0xFFCBB2BC)
YUV	186.6150, 0.6828, 14.3696
Hunter-Lab	69.4824, 6.1787, 2.2337

Details

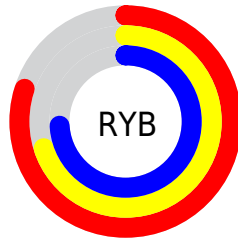
The CIELCh color $75, 10.824, 350.508$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 10.563, 168.354$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 9.086, 345.606$, and $55, 11.166, 349.830$ is the 20% darker color. If you saturate the color by 10%, you get $70, 19.884, 351.587$, and if you desaturate by 10%, it is $80, 1.998, 349.399$.

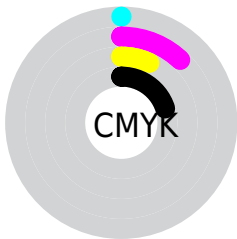
Distribution



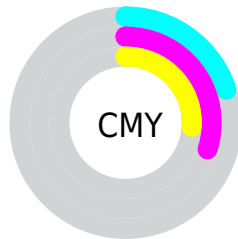
- Red (80%)
- Green (70%)
- Blue (74%)



- Red (80%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (30%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.824, 350.508 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, 10.824, 350.508 by changing the saturation by 10% instead.


 75, 10.824,
350.508


 75, 10.824,
350.508


 100, 10.824,
350.508


 65, 10.824,
350.508


 95, 10.824,
350.508

 55, 10.824,
350.508

 45, 10.824,
350.508

 35, 10.824,
350.508

 25, 10.824,
350.508

 15, 10.824,
350.508

 5, 10.824, 350.508

0, 10.824, 350.508

75, 10.824,
350.508

75, 10.824,
350.508

70, 19.884,
351.587

80, 1.998, 349.399

65, 29.063,
352.809

86, 6.523, 168.859

60, 38.154,
354.239

92, 14.714,
168.069

55, 46.854,
355.955

96, 20.124,
170.783

51, 54.759,
358.064

96, 17.639,
188.514

48, 61.417, 0.710

97, 17.121,
198.370

■ 46, 66.449, 4.068

■ 44, 69.746, 8.300

■ 43, 71.522, 12.055

Harmonies

Complementary

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



75, 10.824, 350.508



80, 10.563, 168.354

Rectangle

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



75, 10.824, 350.508



75, 10.824, 40.508



75, 10.824, 170.508



75, 10.824, 220.508

Sweetspot

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



75, 10.822, 350.513



97, 4.177, 349.651



75, 14.637, 312.992



51, 2.972, 349.740



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, 10.822, 350.513



90, 15.930, 350.812



75, 8.707, 28.887



40, 4.983, 350.218



35, 61.383, 11.212



4, 19.089, 359.539

Inverse Universe

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



75, 10.822, 350.513



90, 15.930, 350.812



79, 8.034, 208.478



40, 4.983, 350.218



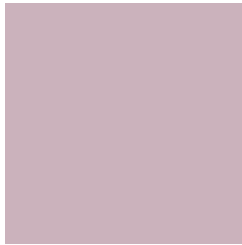
35, 61.383, 11.212



4, 19.089, 359.539

Previews

White Background



This preview shows how the CIELCh color 75, 10.824, 350.508 looks on a white background.

Color Contrast Check

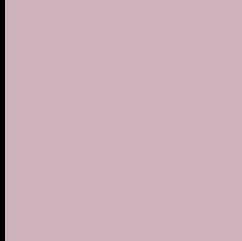
Large Text (above 18pt) WCAG AA × Fail

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 75, 10.824, 350.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

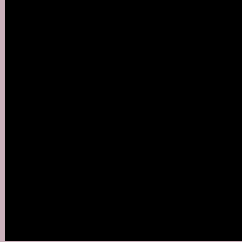
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 10.824, 350.508

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.824, 350.508.



This preview shows how white text looks on a background with the CIELCh color 75, 10.824, 350.508.

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, 10.824, 350.508

Protanopia

75, 3.865, 301.466

Deuteranopia

75, 9.574, 349.806



Tritanopia
75, 12.293, 342.642

Trichromacy



Original Color
75, 10.824, 350.508

Protanomaly
75, 5.718, 330.795

Deuteranomaly
75, 9.902, 350.956

Tritanomaly
75, 11.981, 344.696

Monochromacy



Original Color
75, 10.824, 350.508

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.737, 353.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.824, 350.508 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(203, 178, 188)` looks like.

```
.text, #text, p{  
    color:rgb(203, 178, 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(203, 178, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 178, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.824, 350.508 is called "border". The border property can be set on classes, ids or directly on the HTML element.

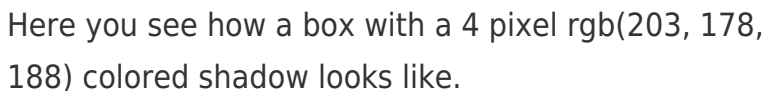
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 178, 188) }
```

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

```
.border{ border-color:rgb(203, 178, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 178, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 178, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 178, 188); box-shadow:4px 4px 4px 4px rgb(203, 178, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.824, 350.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 178, 188) }
```

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

```
.background{ background-color: rgb(203,  
178, 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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