

Converting Colors

CIELCh(75, 9.400, 327.775)

Have a look what the booklet for
CIELCh(75, 9.400, 327.775) contains.

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Color

CIELCh(75, 9.629, 328.489)

Conversions

Conversions Part 1

Format	Color
Hex	C4B4C2
RGB	196, 180, 194
RGB Percent	77%, 71%, 76%
CMY	0.2313, 0.2941, 0.2392
CMYK	0.00, 0.08, 0.01, 0.23
HSL	308°, 12%, 74%
HSV	308°, 8%, 77%
XYZ	48.8287, 48.2781, 57.7891
YIQ	186.3800, 5.0420, 7.7460

Conversions

Conversions Part 2

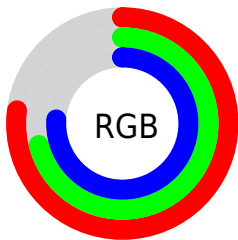
Format	Color
R _Y B	196, 180, 194
Decimal	12891330
CIE Lab	75.00, 8.21, -5.03
CIE LCh	75, 9.629, 328.489
Yxy	48.2781, 0.3152, 0.3117
Android (android.graphics.Color)	4291081410 (0xFFC4B4C2)
YUV	186.3800, 3.7567, 8.4367
Hunter-Lab	69.4824, 3.8463, -0.6743

Details

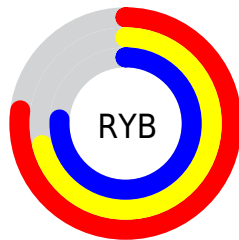
The CIELCh color $75, 9.629, 328.489$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 9.604, 147.576$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 9.395, 330.093$, and $55, 9.536, 328.888$ is the 20% darker color. If you saturate the color by 10%, you get $70, 21.527, 329.099$, and if you desaturate by 10%, it is $80, 2.139, 148.074$.

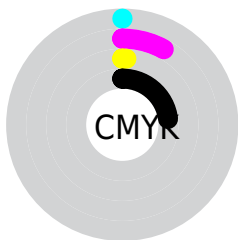
Distribution



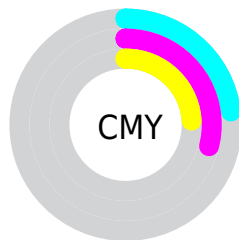
- Red (77%)
- Green (71%)
- Blue (76%)



- Red (77%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (23%)



- Cyan (23%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.629, 328.489 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, 9.629, 328.489 by changing the saturation by 10% instead.

75, 9.629, 328.489

75, 9.629, 328.489

100, 9.629,
328.489

65, 9.629, 328.489

95, 9.629, 328.489

55, 9.629, 328.489

45, 9.629, 328.489

35, 9.629, 328.489

25, 9.629, 328.489

15, 9.629, 328.489

5, 9.629, 328.489

0, 9.629, 328.489

75, 9.629, 328.489

75, 9.629, 328.489

70, 21.527,
329.099

80, 2.139, 148.074

65, 33.390,
329.707

85, 13.665,
147.403

61, 44.963,
330.314

91, 24.890,
146.858

57, 55.898,
330.917

95, 33.734,
146.654

53, 65.751,
331.509

95, 32.739,
147.975

50, 74.023,
332.090

95, 31.758,
149.374

48, 80.243,
332.664

95, 30.793,
150.856

46, 84.101,
333.242

95, 29.845,
152.428

45, 85.717,

95, 28.918,
154.097

333.844

Harmonies

Complementary

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



75, 9.629, 328.489



78, 9.604, 147.576

Rectangle

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



75, 9.629, 328.489



75, 9.629, 18.489



75, 9.629, 148.489



75, 9.629, 198.489

Sweetspot

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



75, 9.627, 328.490



99, 2.913, 328.044



74, 8.711, 295.431



53, 1.657, 328.032



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, 9.627, 328.490



94, 14.622, 328.613



75, 6.858, 351.127



38, 6.630, 328.564



37, 74.248, 333.860



4, 21.533, 331.005

Inverse Universe

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



75, 9.627, 328.490



94, 14.622, 328.613



78, 6.737, 169.789



38, 6.630, 328.564



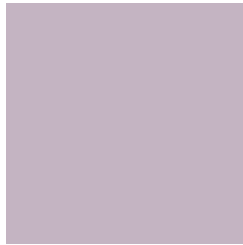
37, 74.248, 333.860



4, 21.533, 331.005

Previews

White Background



This preview shows how the CIELCh color 75, 9.629, 328.489 looks on a white background.

Color Contrast Check

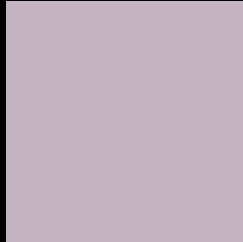
Large Text (above 18pt) WCAG AA × Fail

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, 9.629, 328.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

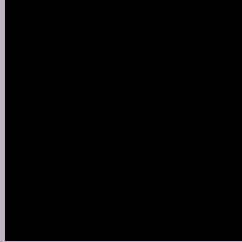
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 9.629, 328.489

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.629, 328.489.



This preview shows how white text looks on a background with the CIELCh color 75, 9.629, 328.489.

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, 9.629, 328.489

Protanopia

75, 6.499, 293.985

Deuteranopia

75, 10.753, 331.469



Tritanopia
75, 9.629, 328.489

Trichromacy



Original Color
75, 9.629, 328.489

Protanomaly
75, 6.872, 309.321

Deuteranomaly
75, 10.516, 329.912

Tritanomaly
75, 9.629, 328.489

Monochromacy



Original Color
75, 9.629, 328.489

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 3.517, 329.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.629, 328.489 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(196, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 180, 194)  
}
```

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(196, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 180, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.629, 328.489 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(196, 180, 194) }
```

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

```
.border{ border-color:rgb(196, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 180,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.629, 328.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 180, 194) }
```

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

```
.background{ background-color: rgb(196,  
180, 194) }
```

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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