

Converting Colors

CIELCh(75, 3.446, 323.489)

Have a look what the booklet for
CIELCh(75, 3.446, 323.489) contains.

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Color

CIELCh(75, 3.296, 324.512)

Conversions

Conversions Part 1

Format	Color
Hex	BCB7BC
RGB	188, 183, 188
RGB Percent	74%, 72%, 74%
CMY	0.2621, 0.2817, 0.2621
CMYK	0.00, 0.03, 0.00, 0.26
HSL	300°, 4%, 73%
HSV	300°, 3%, 74%
XYZ	46.8352, 48.2781, 54.5134
YIQ	185.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

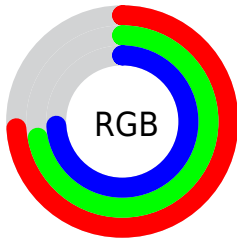
Format	Color
R _Y B	188, 183, 188
Decimal	12367804
CIE Lab	75.00, 2.68, -1.91
CIE LCh	75, 3.296, 324.512
Yxy	48.2781, 0.3130, 0.3227
Android (android.graphics.Color)	4290557884 (0xFFBCB7BC)
YUV	185.0650, 1.4470, 2.5740
Hunter-Lab	69.4824, -1.2749, 2.1209

Details

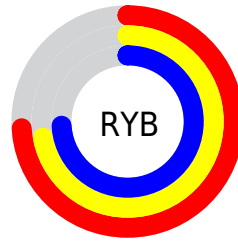
The CIELCh color $75, 3.296, 324.512$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 3.277, 144.371$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 3.139, 324.460$, and $55, 3.504, 324.582$ is the 20% darker color. If you saturate the color by 10%, you get $70, 15.774, 325.114$, and if you desaturate by 10%, it is $80, 8.987, 144.079$.

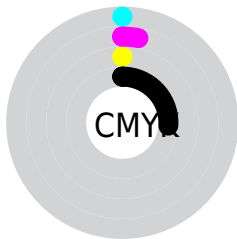
Distribution



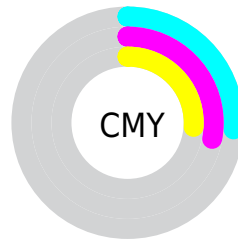
- Red (74%)
- Green (72%)
- Blue (74%)



- Red (74%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (26%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.296, 324.512 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, 3.296, 324.512 by changing the saturation by 10% instead.

■ 75, 3.296, 324.512

■ 75, 3.296, 324.512

■ 100, 3.296,
324.512

■ 65, 3.296, 324.512

■ 95, 3.296, 324.512

■ 55, 3.296, 324.512

■ 45, 3.296, 324.512

■ 35, 3.296, 324.512

■ 25, 3.296, 324.512

■ 15, 3.296, 324.512

■ 5, 3.296, 324.512

■ 0, 3.296, 324.512

■ 75, 3.296, 324.512

■ 75, 3.296, 324.512

70, 15.774,
325.114

80, 8.987, 144.079

66, 28.308,
325.662

85, 20.979,
143.543

61, 40.679,
326.190

90, 32.632,
143.039

57, 52.583,
326.687

94, 41.898,
142.647

53, 63.627,
327.136

94, 41.898,
142.647

50, 73.348,
327.522

94, 41.898,
142.647

48, 81.278,
327.830

94, 41.898,
142.647

46, 87.044,
328.049

94, 41.898,
142.647

45, 90.502,

94, 41.897,
142.647

Harmonies

Complementary

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



75, 3.296, 324.512



76, 3.277, 144.371

Rectangle

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



75, 3.296, 324.512



75, 3.296, 14.512



75, 3.296, 144.512



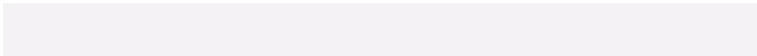
75, 3.296, 194.512

Sweetspot

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



75, 3.294, 324.512



96, 1.540, 324.303



75, 2.707, 290.456



51, 0.875, 324.290



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 3.294, 324.512



95, 4.608, 324.543



75, 2.312, 343.697



39, 2.819, 324.592



37, 80.848, 328.233



3, 21.490, 325.461

Inverse Universe

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



75, 3.294, 324.512



95, 4.608, 324.543



76, 2.292, 163.606



39, 2.819, 324.592



37, 80.848, 328.233



3, 21.490, 325.461

Previews

White Background



This preview shows how the CIE LCh color 75, 3.296, 324.512 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, 3.296, 324.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

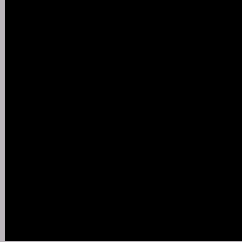
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

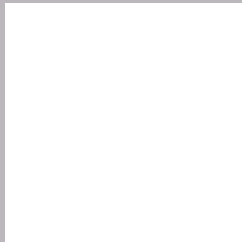
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.296, 324.512

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.296, 324.512.

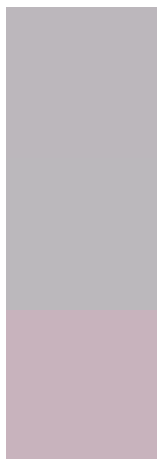


This preview shows how white text looks on a background with the CIELCh color 75, 3.296, 324.512.

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, 3.296, 324.512

Protanopia

75, 2.446, 317.308

Deuteranopia

75, 9.537, 345.808



Tritanopia
75, 8.020, 309.368

Trichromacy



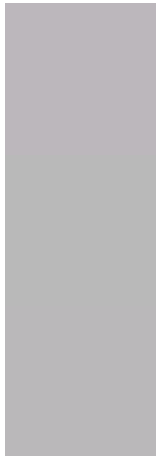
Original Color
75, 3.296, 324.512

Protanomaly
75, 2.446, 317.308

Deuteranomaly
75, 7.081, 342.455

Tritanomaly
75, 6.508, 313.894

Monochromacy



Original Color
75, 3.296, 324.512

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.324, 324.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 3.296, 324.512 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(188, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 183, 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(188, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 183, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 3.296, 324.512 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(188, 183, 188) }
```

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

```
.border{ border-color:rgb(188, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 183,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 3.296, 324.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 183, 188) }
```

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

```
.background{ background-color: rgb(188,  
183, 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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