

Converting Colors

CIELCh(75, 9.643, 323.003)

Have a look what the booklet for
CIELCh(75, 9.643, 323.003) contains.

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Color

CIELCh(75, 9.643, 323.003)

Conversions

Conversions Part 1

Format	Color
Hex	C2B4C3
RGB	194, 180, 195
RGB Percent	76%, 71%, 76%
CMY	0.2377, 0.2926, 0.2337
CMYK	0.01, 0.08, 0.00, 0.23
HSL	296°, 11%, 74%
HSV	296°, 8%, 77%
XYZ	48.6432, 48.2781, 58.6176
YIQ	185.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

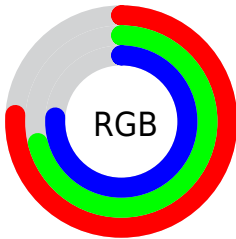
Format	Color
RYB	194, 180, 195
Decimal	12760259
CIELab	75.00, 7.70, -5.80
CIELCh	75, 9.643, 323.003
Yxy	48.2781, 0.3127, 0.3104
Android (android.graphics.Color)	4290950339 (0xFFC2B4C3)
YUV	185.8960, 4.4883, 7.1072
Hunter-Lab	69.4824, 3.3699, -1.3813

Details

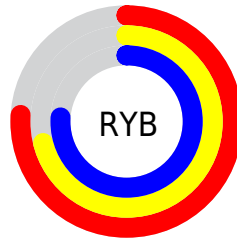
The CIELCh color $75, 9.643, 323.003$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 9.614, 142.262$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 9.806, 323.052$, and $55, 9.553, 322.974$ is the 20% darker color. If you saturate the color by 10%, you get $70, 22.322, 323.520$, and if you desaturate by 10%, it is $80, 2.877, 142.612$.

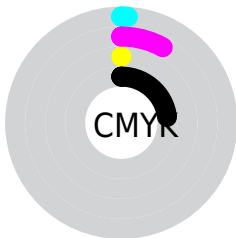
Distribution



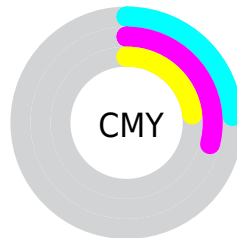
- Red (76%)
- Green (71%)
- Blue (76%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.643, 323.003 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, 9.643, 323.003 by changing the saturation by 10% instead.

 75, 9.643, 323.003

 75, 9.643, 323.003

 100, 9.643,
323.003

 65, 9.643, 323.003

 95, 9.643, 323.003

 55, 9.643, 323.003

 45, 9.643, 323.003

 35, 9.643, 323.003

 25, 9.643, 323.003

 15, 9.643, 323.003

 5, 9.643, 323.003

 0, 9.643, 323.003

 75, 9.643, 323.003

 75, 9.643, 323.003

70, 22.322,
323.520

80, 2.877, 142.612

65, 35.004,
324.019

85, 15.131,
142.061

61, 47.445,
324.492

91, 27.062,
141.589

56, 59.310,
324.923

95, 36.520,
141.123

53, 70.162,
325.287

95, 36.263,
140.557

50, 79.500,
325.560

95, 36.009,
139.981

47, 86.831,
325.720

95, 35.758,
139.394

45, 91.805,
325.749

95, 35.511,
138.796

44, 94.462,

95, 35.267,
138.187

325.648

Harmonies

Complementary

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



75, 9.643, 323.003



78, 9.614, 142.262

Rectangle

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



75, 9.643, 323.003



75, 9.643, 13.003



75, 9.643, 143.003



75, 9.643, 193.003

Sweetspot

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



75, 9.641, 323.003



99, 3.110, 322.651



74, 7.587, 288.188



53, 1.768, 322.641



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, 9.641, 323.003



94, 14.041, 323.080



75, 7.253, 340.768



38, 7.079, 323.092



36, 82.115, 325.655



4, 23.392, 323.448

Inverse Universe

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



75, 5.689, 14.371



94, 8.321, 14.508



78, 7.193, 159.681



38, 4.197, 14.528



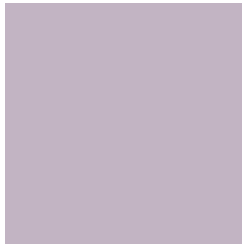
33, 71.148, 36.968



3, 14.040, 15.766

Previews

White Background



This preview shows how the CIELCh color 75, 9.643, 323.003 looks on a white background.

Color Contrast Check

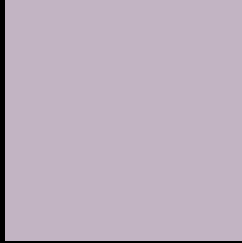
Large Text (above 18pt) WCAG AA × Fail

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, 9.643, 323.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

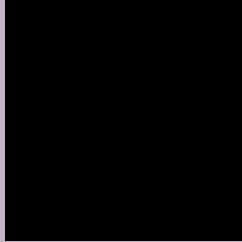
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

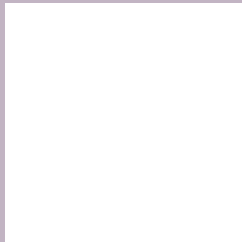
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 9.643, 323.003

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.643, 323.003.



This preview shows how white text looks on a background with the CIELCh color 75, 9.643, 323.003.

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, 9.643, 323.003

Protanopia

75, 7.023, 290.846

Deuteranopia

75, 11.581, 327.960



Tritanopia
75, 8.984, 322.842

Trichromacy



Original Color
75, 9.643, 323.003

Protanomaly
75, 7.282, 305.265

Deuteranomaly
75, 10.704, 326.517

Tritanomaly
75, 8.984, 322.842

Monochromacy



Original Color
75, 9.643, 323.003

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 3.293, 324.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.643, 323.003 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(194, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 195)  
}
```

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(194, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.643, 323.003 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(194, 180, 195) }
```

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

```
.border{ border-color:rgb(194, 180, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.643, 323.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 195) }
```

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

```
.background{ background-color: rgb(194,  
180, 195) }
```

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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