

Converting Colors

CIELCh(76, 0.452, 324.203)

Have a look what the booklet for
CIELCh(76, 0.452, 324.203) contains.

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Color

CIELCh(76, 0.665, 324.101)

Conversions

Conversions Part 1

Format	Color
Hex	BCBBBC
RGB	188, 187, 188
RGB Percent	74%, 73%, 74%
CMY	0.2626, 0.2665, 0.2626
CMYK	0.00, 0.01, 0.00, 0.26
HSL	300°, 1%, 74%
HSV	300°, 1%, 74%
XYZ	47.6098, 49.8872, 54.7203
YIQ	187.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

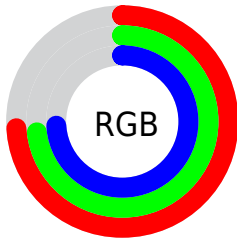
Format	Color
R _Y B	188, 187, 188
Decimal	12368828
CIE Lab	76.00, 0.54, -0.39
CIE LCh	76, 0.665, 324.101
Yxy	49.8872, 0.3128, 0.3277
Android (android.graphics.Color)	4290558908 (0xFFBCBBBC)
YUV	187.4130, 0.2894, 0.5148
Hunter-Lab	70.6309, -3.2835, 3.5075

Details

The CIELCh color $76, 0.665, 324.101$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 0.646, 144.792$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 0.635, 323.993$, and $56, 0.704, 324.207$ is the 20% darker color. If you saturate the color by 10%, you get $71, 13.105, 324.993$, and if you desaturate by 10%, it is $81, 11.557, 143.958$.

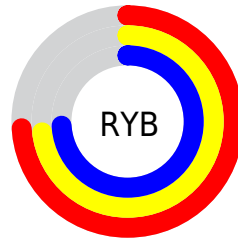
Distribution



Red (74%)

Green (73%)

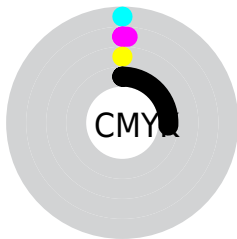
Blue (74%)



Red (74%)

Yellow (73%)

Blue (74%)

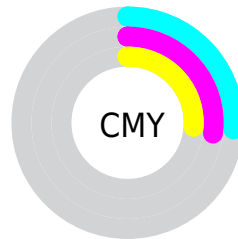


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (26%)



Cyan (26%)

Magenta (27%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 0.665, 324.101 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 76, 0.665, 324.101 by changing the saturation by 10% instead.

■ 76, 0.665, 324.101

■ 76, 0.665, 324.101

100, 0.665,
324.101

■ 66, 0.665, 324.101

■ 96, 0.665, 324.101

■ 56, 0.665, 324.101

■ 46, 0.665, 324.101

■ 36, 0.665, 324.101

■ 26, 0.665, 324.101

■ 16, 0.665, 324.101

■ 6, 0.665, 324.101

■ 0, 0.665, 324.101

■ 76, 0.665, 324.101

■ 76, 0.665, 324.101

71, 13.105,
324.993

81, 11.557,
143.958

66, 25.637,
325.544

86, 23.474,
143.431

62, 38.059,
326.077

91, 35.045,
142.933

58, 50.086,
326.582

94, 41.967,
142.641

54, 61.345,
327.043

94, 41.967,
142.640

51, 71.383,
327.444

94, 41.967,
142.640

48, 79.727,
327.769

94, 41.966,
142.640

46, 85.973,
328.007

94, 41.966,
142.639

45, 89.917,

94, 41.966,

328.156

142.639

Harmonies

Complementary

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



76, 0.665, 324.101



76, 0.646, 144.792

Rectangle

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



76, 0.665, 324.101



76, 0.665, 14.101



76, 0.665, 144.101



76, 0.665, 194.101

Sweetspot

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



76, 0.663, 324.098



96, 0.011, 296.813



76, 0.537, 289.687



51, 0.007, 296.813



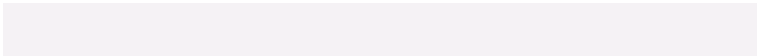
98, 0.011, 296.813

Same Dimension

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



76, 0.663, 324.098



96, 1.540, 324.301



76, 0.471, 341.996



40, 0.707, 324.280



37, 80.849, 328.230



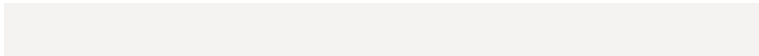
3, 21.489, 325.457

Inverse Universe

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



76, 0.370, 18.013



96, 0.865, 18.721



76, 0.458, 163.556



40, 0.397, 18.652



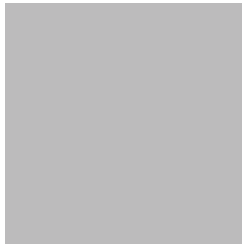
32, 72.800, 39.662



3, 12.251, 19.401

Previews

White Background



This preview shows how the CIELCh color 76, 0.665, 324.101 looks on a white background.

Color Contrast Check

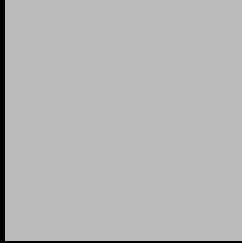
Large Text (above 18pt) WCAG AA × Fail

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 76, 0.665, 324.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

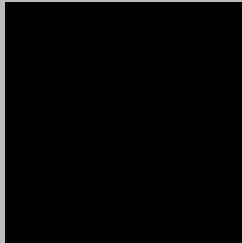
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

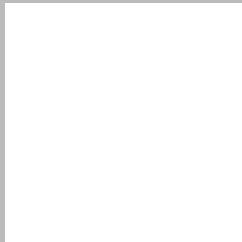
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 0.665, 324.101

Background



This preview shows how black text looks on a background with the CIELCh color 76, 0.665, 324.101.

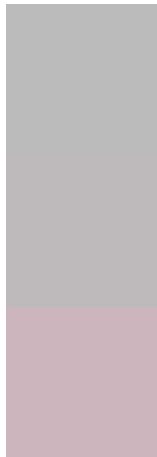


This preview shows how white text looks on a background with the CIELCh color 76, 0.665, 324.101.

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


76, 0.665, 324.101

Protanopia

76, 1.847, 343.609

Deuteranopia

76, 9.641, 353.749



Tritanopia
76, 8.314, 303.455

Trichromacy



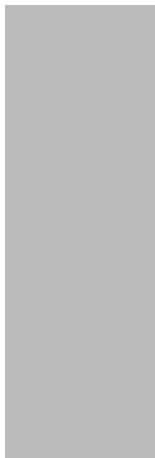
Original Color
76, 0.665, 324.101

Protanomaly
76, 1.562, 335.561

Deuteranomaly
76, 6.477, 350.025

Tritanomaly
76, 5.517, 302.086

Monochromacy



Original Color
76, 0.665, 324.101

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 0.665, 324.101 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, 187, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 187, 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, 187, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 187, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 0.665, 324.101 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, 187, 188) }
```

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

```
.border{ border-color:rgb(188, 187, 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, 187, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 187, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 187, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 187,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 0.665, 324.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 187, 188) }
```

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

```
.background{ background-color: rgb(188,  
187, 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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