

Converting Colors

CIELCh(76, 3.750, 100.273)

Have a look what the booklet for
CIELCh(76, 3.750, 100.273) contains.

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Color

CIELCh(76, 3.295, 96.688)

Conversions

Conversions Part 1

Format	Color
Hex	BDBBB5
RGB	189, 187, 181
RGB Percent	74%, 73%, 71%
CMY	0.2576, 0.2654, 0.2889
CMYK	0.00, 0.01, 0.04, 0.26
HSL	45°, 6%, 73%
HSV	45°, 4%, 74%
XYZ	47.2788, 49.8872, 51.0256
YIQ	186.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

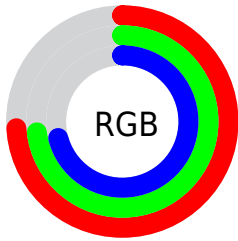
Format	Color
R_YB	184, 189, 181
Decimal	12434357
CIE Lab	76.00, -0.38, 3.27
CIE LCh	76, 3.295, 96.688
Yxy	49.8872, 0.3190, 0.3366
Android (android.graphics.Color)	4290624437 (0xFFBDBBB5)
YUV	186.9140, -2.9156, 1.8294
Hunter-Lab	70.6309, -4.1200, 6.6090

Details

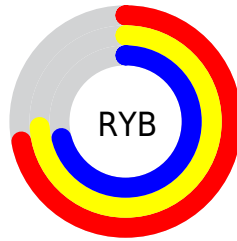
The CIELCh color $76, 3.295, 96.688$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 3.321, 277.812$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 3.134, 96.780$, and $56, 3.506, 96.528$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.184, 95.570$, and if you desaturate by 10%, it is $78, 4.492, 277.954$.

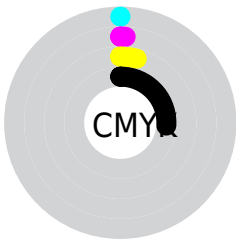
Distribution



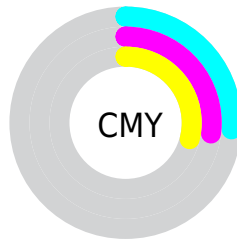
- Red (74%)
- Green (73%)
- Blue (71%)



- Red (72%)
- Yellow (74%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 3.295, 96.688 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, 3.295, 96.688 by changing the saturation by 10% instead.

 76, 3.295, 96.688  76, 3.295, 96.688

 100, 3.295, 96.688  66, 3.295, 96.688

 96, 3.295, 96.688  56, 3.295, 96.688

 46, 3.295, 96.688

 36, 3.295, 96.688

 26, 3.295, 96.688

 16, 3.295, 96.688

 6, 3.295, 96.688

 0, 3.295, 96.688

 76, 3.295, 96.688  76, 3.295, 96.688

74, 11.184, 95.570

78, 4.492, 277.954

73, 19.154, 94.352

80, 12.176,
279.024

71, 27.171, 93.096

81, 19.755,
280.065

70, 35.163, 91.809

68, 43.000, 90.492

83, 26.181,
280.448

67, 50.452, 89.138

84, 24.008,
275.331

65, 57.132, 87.727

64, 62.463, 86.205

86, 22.058,
269.303

63, 65.779, 84.480

87, 20.391,
262.258

88, 19.076,
254.163

89, 18.181,
245.140

Harmonies

Complementary

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



76, 3.295, 96.688



75, 3.321, 277.812

Rectangle

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



76, 3.295, 96.688



76, 3.295, 146.688



76, 3.295, 276.688



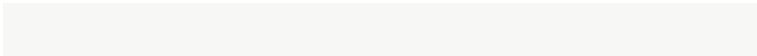
76, 3.295, 326.688

Sweetspot

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



76, 3.296, 96.717



97, 0.959, 96.915



74, 3.193, 359.756



52, 0.549, 96.909



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



76, 3.296, 96.717



96, 4.849, 96.627



76, 4.358, 119.659



39, 2.648, 96.569



52, 58.712, 83.720



8, 12.136, 88.716

Inverse Universe

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



75, 3.321, 277.812



94, 4.884, 277.908



74, 4.410, 300.165



38, 2.667, 277.969



24, 76.325, 300.258



2, 14.398, 282.381

Previews

White Background



This preview shows how the CIELCh color 76, 3.295, 96.688 looks on a white background.

Color Contrast Check

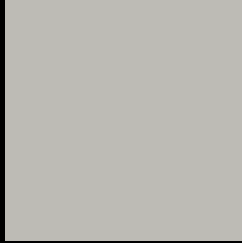
Large Text (above 18pt) WCAG AA × Fail

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, 3.295, 96.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

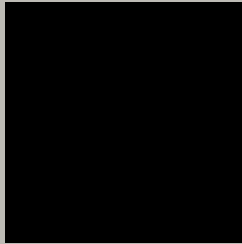
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

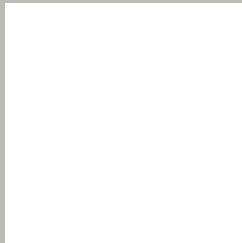
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 3.295, 96.688

Background



This preview shows how black text looks on a background with the CIELCh color 76, 3.295, 96.688.

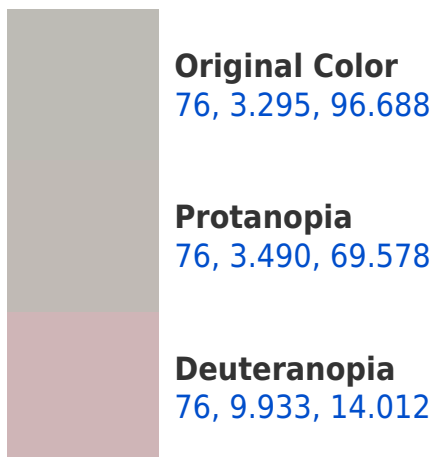


This preview shows how white text looks on a background with the CIELCh color 76, 3.295, 96.688.

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





Tritanopia
76, 7.996, 309.363

Trichromacy



Original Color
76, 3.295, 96.688

Protanomaly
76, 3.260, 74.682

Deuteranomaly
76, 6.837, 24.375

Tritanomaly
76, 4.219, 316.291

Monochromacy



Original Color
76, 3.295, 96.688

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.125, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 3.295, 96.688 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(189, 187, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 187, 181)  
}
```

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(189, 187, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 187, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 3.295, 96.688 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(189, 187, 181) }
```

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

```
.border{ border-color:rgb(189, 187, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 187, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 187, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 187, 181);  
box-shadow:4px 4px 4px 4px rgb(189, 187,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 3.295, 96.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 187, 181) }
```

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

```
.background{ background-color: rgb(189,  
187, 181) }
```

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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