

Converting Colors

CIELCh(76, 1.293, 74.895)

Have a look what the booklet for
CIELCh(76, 1.293, 74.895) contains.

CIELCh(76, 1.293, 74.895)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 1.293, 74.895)

Conversions

Conversions Part 1

Format	Color
Hex	BDBBB9
RGB	189, 187, 185
RGB Percent	74%, 73%, 73%
CMY	0.2587, 0.2665, 0.2743
CMYK	0.00, 0.01, 0.02, 0.26
HSL	30°, 3%, 73%
HSV	30°, 2%, 74%
XYZ	47.5373, 49.8872, 53.0463
YIQ	187.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

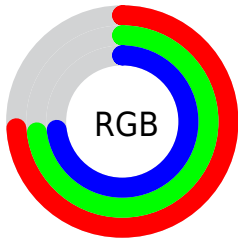
Format	Color
RYB	189, 189, 185
Decimal	12434361
CIELab	76.00, 0.34, 1.25
CIElCh	76, 1.293, 74.895
Yxy	49.8872, 0.3159, 0.3315
Android (android.graphics.Color)	4290624441 (0xFFBDBBB9)
YUV	187.3700, -1.1684, 1.4295
Hunter-Lab	70.6309, -3.4668, 4.9127

Details

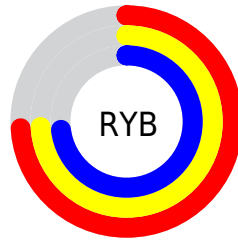
The CIELCh color $76, 1.293, 74.895$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 1.301, 256.035$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 1.229, 74.874$, and $56, 1.378, 74.877$ is the 20% darker color. If you saturate the color by 10%, you get $73, 7.610, 73.998$, and if you desaturate by 10%, it is $79, 4.754, 256.518$.

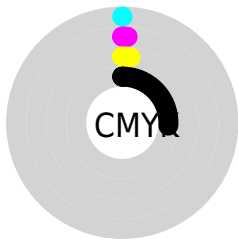
Distribution



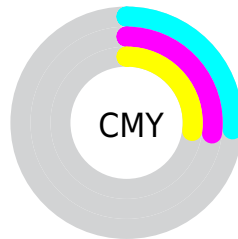
- Red (74%)
- Green (73%)
- Blue (73%)



- Red (74%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 1.293, 74.895 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, 1.293, 74.895 by changing the saturation by 10% instead.

■ 76, 1.293, 74.895

■ 76, 1.293, 74.895

100, 1.293, 74.895

■ 66, 1.293, 74.895

■ 96, 1.293, 74.895

■ 56, 1.293, 74.895

■ 46, 1.293, 74.895

■ 36, 1.293, 74.895

■ 26, 1.293, 74.895

■ 16, 1.293, 74.895

■ 6, 1.293, 74.895

■ 0, 1.293, 74.895

■ 76, 1.293, 74.895

■ 76, 1.293, 74.895

73, 7.610, 73.998

79, 4.754, 256.518

70, 14.220, 72.784

82, 10.561,
257.628

67, 21.141, 71.542

85, 16.153,
258.728

65, 28.378, 70.285

62, 35.900, 69.014

88, 19.205,
254.559

59, 43.610, 67.708

90, 17.844,
236.062

57, 51.288, 66.309

54, 58.481, 64.684

93, 18.435,
216.999

52, 64.400, 62.571

95, 20.754,
200.854

96, 21.382,
198.101

Harmonies

Complementary

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



76, 1.293, 74.895



76, 1.301, 256.035

Rectangle

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



76, 1.293, 74.895



76, 1.293, 124.895



76, 1.293, 254.895



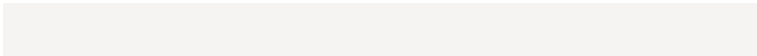
76, 1.293, 304.895

Sweetspot

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



76, 1.294, 74.986



96, 0.748, 74.818



76, 1.848, 343.611



51, 0.425, 74.793



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



76, 1.294, 74.986



95, 2.272, 74.958



77, 2.136, 109.949



39, 1.393, 74.909



43, 59.473, 61.147



6, 10.074, 59.716

Inverse Universe

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



76, 1.301, 256.035



95, 2.272, 256.069



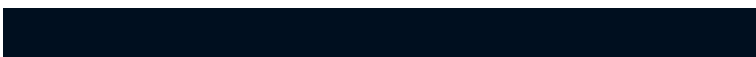
75, 2.164, 290.409



39, 1.388, 256.121



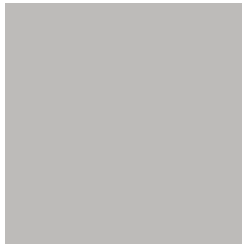
34, 50.015, 283.569



4, 11.563, 268.503

Previews

White Background



This preview shows how the CIELCh color 76, 1.293, 74.895 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, 1.293, 74.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

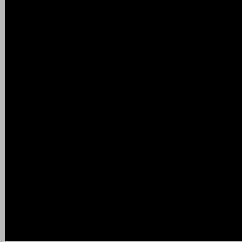
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

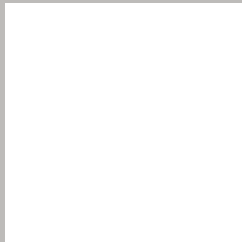
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 1.293, 74.895

Background



This preview shows how black text looks on a background with the CIELCh color 76, 1.293, 74.895.



This preview shows how white text looks on a background with the CIELCh color 76, 1.293, 74.895.

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, 1.293, 74.895

Protanopia

76, 1.934, 35.394

Deuteranopia

76, 9.810, 4.356



Tritanopia
76, 7.885, 306.859

Trichromacy



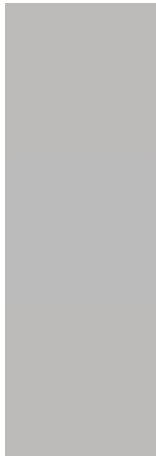
Original Color
76, 1.293, 74.895

Protanomaly
76, 1.577, 39.092

Deuteranomaly
76, 6.592, 5.758

Tritanomaly
76, 4.575, 309.222

Monochromacy



Original Color
76, 1.293, 74.895

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 0.642, 74.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 1.293, 74.895 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(189, 187, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 187, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 1.293, 74.895 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, 185) }
```

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

```
.border{ border-color:rgb(189, 187, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 187, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 187, 185);  
box-shadow:4px 4px 4px 4px rgb(189, 187,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 1.293, 74.895 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, 185) }
```

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

```
.background{ background-color: rgb(189,  
187, 185) }
```

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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