

Converting Colors

CIELCh(76, 5.695, 102.736)

Have a look what the booklet for
CIELCh(76, 5.695, 102.736) contains.

CIELCh(76, 5.904, 105.939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 5.904, 105.939)

Conversions

Conversions Part 1

Format	Color
Hex	BDBC B1
RGB	189, 188, 177
RGB Percent	74%, 74%, 69%
CMY	0.2593, 0.2632, 0.3063
CMYK	0.00, 0.01, 0.06, 0.26
HSL	55°, 8%, 72%
HSV	55°, 6%, 74%
XYZ	46.8371, 49.8872, 48.6928
YIQ	187.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

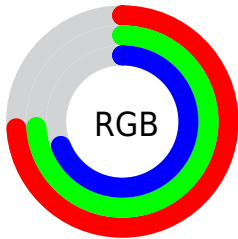
Format	Color
RYB	178, 189, 177
Decimal	12434609
CIELab	76.00, -1.62, 5.68
CIELCh	76, 5.904, 105.939
Yxy	49.8872, 0.3221, 0.3431
Android (android.graphics.Color)	4290624689 (0xFFBDBC B1)
YUV	187.0450, -4.9522, 1.7145
Hunter-Lab	70.6309, -5.2363, 8.5672

Details

The CIELCh color **76, 5.904, 105.939** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 5.988, 287.299**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 5.621, 106.075**, and **56, 6.275, 105.713** is the 20% darker color. If you saturate the color by 10%, you get **75, 15.213, 104.930**, and if you desaturate by 10%, it is **77, 3.403, 287.005**.

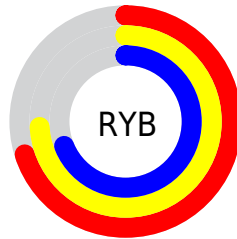
Distribution



Red (74%)

Green (74%)

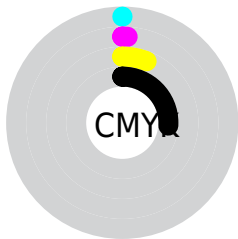
Blue (69%)



Red (70%)

Yellow (74%)

Blue (69%)

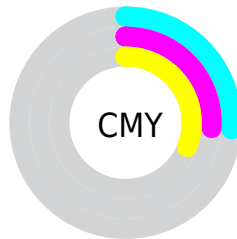


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.904, 105.939 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, 5.904, 105.939 by changing the saturation by 10% instead.

■ 76, 5.904, 105.939

■ 76, 5.904, 105.939

■ 100, 5.904,
105.939

■ 66, 5.904, 105.939

■ 96, 5.904, 105.939

■ 56, 5.904, 105.939

■ 46, 5.904, 105.939

■ 36, 5.904, 105.939

■ 26, 5.904, 105.939

■ 16, 5.904, 105.939

■ 6, 5.904, 105.939

■ 0, 5.904, 105.939

■ 76, 5.904, 105.939

■ 76, 5.904, 105.939

75, 15.213,
104.930

77, 3.403, 287.005

74, 24.471,
103.885

78, 12.683,
287.961

74, 33.602,
102.835

79, 21.916,
288.896

73, 42.479,
101.798

80, 31.091,
289.792

72, 50.899,
100.792

80, 31.594,
288.979

72, 58.548, 99.838

81, 30.750,
287.850

71, 64.979, 98.960

81, 29.918,
286.661

71, 69.660, 98.175

82, 29.099,
285.408

70, 72.210, 97.482

82, 28.294,
284.087

Harmonies

Complementary

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



76, 5.904, 105.939



73, 5.988, 287.299

Rectangle

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



76, 5.904, 105.939



76, 5.904, 155.939



76, 5.904, 285.939



76, 5.904, 335.939

Sweetspot

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



76, 5.906, 105.953



96, 2.287, 106.358



73, 4.568, 12.892



51, 1.300, 106.366



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, 5.906, 105.953



96, 9.185, 105.775



76, 6.721, 125.819



40, 5.268, 105.651



59, 63.938, 97.321



10, 15.164, 102.848

Inverse Universe

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



73, 5.988, 287.299



91, 9.336, 287.495



73, 6.802, 306.399



37, 5.364, 287.635



19, 89.582, 305.064



1, 16.393, 288.232

Previews

White Background



This preview shows how the CIELCh color 76, 5.904, 105.939 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, 5.904, 105.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

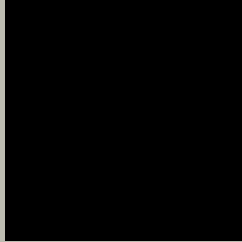
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

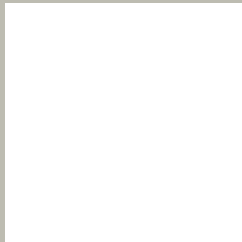
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 5.904, 105.939

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.904, 105.939.



This preview shows how white text looks on a background with the CIELCh color 76, 5.904, 105.939.

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, 5.904, 105.939

Protanopia

76, 6.310, 88.395

Deuteranopia

76, 10.883, 28.692



Tritanopia
76, 7.996, 309.363

Trichromacy



Original Color
76, 5.904, 105.939

Protanomaly
76, 6.184, 91.707

Deuteranomaly
76, 7.590, 44.856

Tritanomaly
76, 3.287, 324.508

Monochromacy



Original Color
76, 5.904, 105.939

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.169, 100.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 5.904, 105.939 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, 188, 177)` looks like.

```
.text, #text, p{  
    color:rgb(189, 188, 177)  
}
```

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, 188, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 188, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.904, 105.939 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, 188, 177) }
```

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

```
.border{ border-color:rgb(189, 188, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 188, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 188, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 188, 177);  
box-shadow:4px 4px 4px 4px rgb(189, 188,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.904, 105.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 188, 177) }
```

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

```
.background{ background-color: rgb(189,  
188, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor