

Converting Colors

CIELCh(76, 4.251, 89.980)

Have a look what the booklet for
CIELCh(76, 4.251, 89.980) contains.

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Color

CIELCh(76, 4.031, 87.851)

Conversions

Conversions Part 1

Format	Color
Hex	BFBBB4
RGB	191, 187, 180
RGB Percent	75%, 73%, 71%
CMY	0.2511, 0.2668, 0.2943
CMYK	0.00, 0.02, 0.06, 0.25
HSL	38°, 8%, 73%
HSV	38°, 6%, 75%
XYZ	47.4706, 49.8872, 50.2847
YIQ	187.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

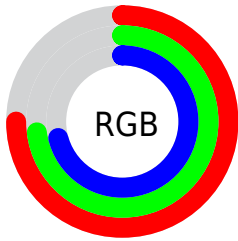
Format	Color
RYB	186, 191, 180
Decimal	12565428
CIELab	76.00, 0.15, 4.03
CIELCh	76, 4.031, 87.851
Yxy	49.8872, 0.3215, 0.3379
Android (android.graphics.Color)	4290755508 (0xFFBFBBB4)
YUV	187.3980, -3.6472, 3.1590
Hunter-Lab	70.6309, -3.6354, 7.2310

Details

The CIELCh color $76, 4.031, 87.851$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 4.034, 269.450$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 3.833, 87.988$, and $56, 4.292, 87.616$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.185, 86.647$, and if you desaturate by 10%, it is $78, 2.946, 269.254$.

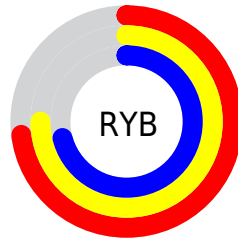
Distribution



Red (75%)

Green (73%)

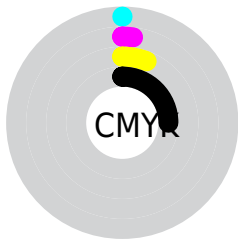
Blue (71%)



Red (73%)

Yellow (75%)

Blue (71%)

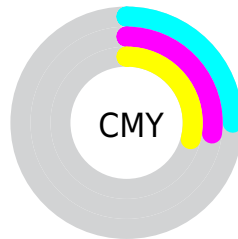


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (27%)


Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.031, 87.851 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, 4.031, 87.851 by changing the saturation by 10% instead.

 76, 4.031, 87.851  76, 4.031, 87.851

 100, 4.031, 87.851  66, 4.031, 87.851

 96, 4.031, 87.851  56, 4.031, 87.851

 46, 4.031, 87.851


 36, 4.031, 87.851

 26, 4.031, 87.851

 16, 4.031, 87.851

 6, 4.031, 87.851

 0, 4.031, 87.851

 76, 4.031, 87.851  76, 4.031, 87.851

74, 11.185, 86.647

78, 2.946, 269.254

72, 18.514, 85.342

81, 9.757, 270.372

69, 26.005, 83.993

83, 16.413,
271.489

67, 33.611, 82.604

85, 22.273,
271.845

65, 41.234, 81.166

63, 48.674, 79.656

87, 19.767,
261.496

61, 55.561, 78.014

89, 18.051,
248.827

59, 61.284, 76.120

58, 65.077, 73.779

91, 17.338,
234.489

93, 17.722,
220.003

94, 19.111,
206.985

Harmonies

Complementary

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



76, 4.031, 87.851



75, 4.034, 269.450

Rectangle

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



76, 4.031, 87.851



76, 4.031, 137.851



76, 4.031, 267.851



76, 4.031, 317.851

Sweetspot

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



76, 4.032, 87.878



97, 1.713, 88.224



74, 4.673, 351.935



52, 0.981, 88.227



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, 4.032, 87.878



95, 6.058, 87.721



77, 5.912, 114.975



39, 3.151, 87.678



48, 57.718, 73.219



7, 10.764, 75.712

Inverse Universe

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



75, 4.034, 269.450



93, 6.051, 269.619



74, 6.000, 295.860



38, 3.146, 269.667



28, 64.336, 294.367



3, 13.132, 277.350

Previews

White Background



This preview shows how the CIELCh color 76, 4.031, 87.851 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, 4.031, 87.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

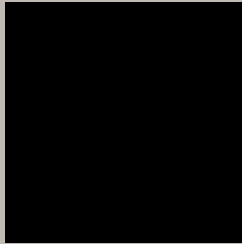
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

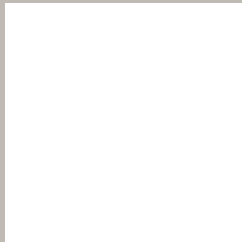
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.031, 87.851

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.031, 87.851.



This preview shows how white text looks on a background with the CIELCh color 76, 4.031, 87.851.

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, 4.031, 87.851

Protanopia

76, 4.185, 83.022

Deuteranopia

76, 10.303, 20.213



Tritanopia
76, 8.909, 314.960

Trichromacy



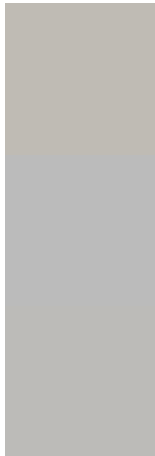
Original Color
76, 4.031, 87.851

Protanomaly
76, 4.185, 83.022

Deuteranomaly
76, 7.293, 28.352

Tritanomaly
76, 4.817, 328.226

Monochromacy



Original Color
76, 4.031, 87.851

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.642, 96.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.031, 87.851 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(191, 187, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 187, 180)  
}
```

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(191, 187, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 187, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.031, 87.851 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(191, 187, 180) }
```

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

```
.border{ border-color:rgb(191, 187, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 187, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 187, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 187, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 187,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.031, 87.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 187, 180) }
```

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

```
.background{ background-color: rgb(191,  
187, 180) }
```

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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