

Converting Colors

CIELCh(76, 10.494, 105.363)

Have a look what the booklet for
CIELCh(76, 10.494, 105.363)
contains.

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Color

CIELCh(76, 10.204, 104.886)

Conversions

Conversions Part 1

Format	Color
Hex	BEBCA9
RGB	190, 188, 169
RGB Percent	75%, 74%, 66%
CMY	0.2542, 0.2620, 0.3365
CMYK	0.00, 0.01, 0.11, 0.25
HSL	54°, 14%, 70%
HSV	54°, 11%, 75%
XYZ	46.4822, 49.8872, 44.8044
YIQ	186.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

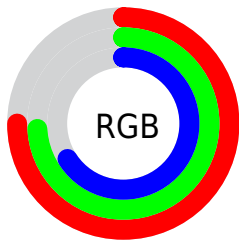
Format	Color
RYB	171, 190, 169
Decimal	12500137
CIELab	76.00, -2.62, 9.86
CIELCh	76, 10.204, 104.886
Yxy	49.8872, 0.3293, 0.3534
Android (android.graphics.Color)	4290690217 (0xFFBEBCA9)
YUV	186.4320, -8.5940, 3.1291
Hunter-Lab	70.6309, -6.1332, 11.8312

Details

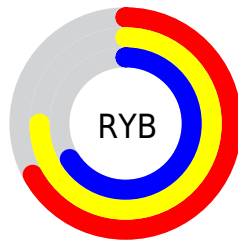
The CIELCh color **76, 10.204, 104.886** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 10.414, 287.275**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 10.227, 105.299**, and **56, 10.273, 104.321** is the 20% darker color. If you saturate the color by 10%, you get **75, 19.443, 103.846**, and if you desaturate by 10%, it is **77, 0.955, 105.832**.

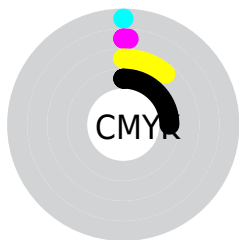
Distribution



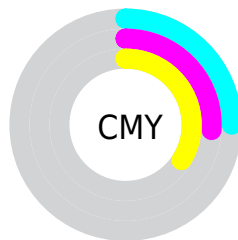
- Red (75%)
- Green (74%)
- Blue (66%)



- Red (67%)
- Yellow (75%)
- Blue (66%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (25%)





- Cyan (25%)
- Magenta (26%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 10.204, 104.886 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, 10.204, 104.886 by changing the saturation by 10% instead.


 76, 10.204,
104.886


 76, 10.204,
104.886


 100, 10.204,
104.886


 66, 10.204,
104.886


 96, 10.204,
104.886

 56, 10.204,
104.886

 46, 10.204,
104.886

 36, 10.204,
104.886

 26, 10.204,
104.886

 16, 10.204,
104.886

 6, 10.204, 104.886

76, 10.204,
104.886

76, 10.204,
104.886

75, 19.443,
103.846

77, 0.955, 105.832

74, 28.608,
102.782

78, 8.273, 286.950

73, 37.606,
101.718

79, 17.458,
287.909

73, 46.279,
100.671

80, 26.586,
288.831

72, 54.380, 99.659

81, 30.760,
288.658

71, 61.530, 98.703

81, 29.792,
287.307

71, 67.222, 97.820

82, 28.842,

■ 70, 70.928, 97.017 285.871

■ 70, 72.669, 96.348 ■ 82, 27.912,
284.343

■ 83, 27.001,
282.717

Harmonies

Complementary

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



76, 10.204, 104.886



70, 10.414, 287.275

Rectangle

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



76, 10.204, 104.886



76, 10.204, 154.886



76, 10.204, 284.886



76, 10.204, 334.886

Sweetspot

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



76, 10.206, 104.895



97, 3.422, 105.696



71, 8.133, 12.016



52, 2.617, 105.620



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, 10.206, 104.895



96, 14.874, 104.670



76, 11.722, 124.969



40, 5.203, 105.070



59, 63.436, 96.446



10, 14.921, 102.046

Inverse Universe

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



70, 10.414, 287.275



88, 15.233, 287.539



71, 11.942, 306.054



37, 5.295, 287.074



19, 88.909, 304.851



1, 16.243, 287.858

Previews

White Background



This preview shows how the CIELCh color 76, 10.204, 104.886 looks on a white background.

Color Contrast Check

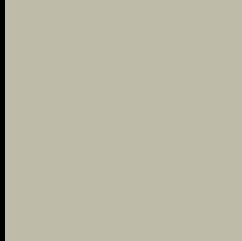
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 76, 10.204, 104.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

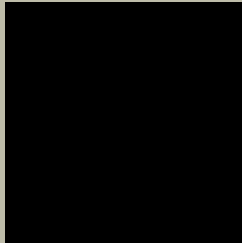
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

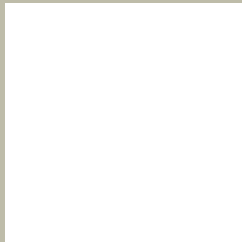
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 10.204, 104.886

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.204, 104.886.



This preview shows how white text looks on a background with the CIELCh color 76, 10.204, 104.886.

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, 10.204, 104.886

Protanopia

76, 10.634, 92.269

Deuteranopia

76, 12.911, 44.639



Tritanopia
76, 8.423, 316.456

Trichromacy



Original Color
76, 10.204, 104.886

Protanomaly
76, 10.436, 96.365

Deuteranomaly
76, 10.543, 65.010

Tritanomaly
76, 2.828, 357.124

Monochromacy



Original Color
76, 10.204, 104.886

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.234, 103.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.204, 104.886 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(190, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 188, 169)  
}
```

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(190, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 188, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.204, 104.886 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(190, 188, 169) }
```

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

```
.border{ border-color:rgb(190, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 188,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.204, 104.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 188, 169) }
```

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

```
.background{ background-color: rgb(190,  
188, 169) }
```

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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