

Converting Colors

CIELCh(76, 34.139, 107.782)

Have a look what the booklet for
CIELCh(76, 34.139, 107.782)
contains.

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Color

CIELCh(76, 33.829, 107.664)

Conversions

Conversions Part 1

Format	Color
Hex	BEBF7F
RGB	190, 191, 127
RGB Percent	75%, 75%, 50%
CMY	0.2539, 0.2500, 0.5010
CMYK	0.01, 0.00, 0.33, 0.25
HSL	61°, 33%, 62%
HSV	61°, 33%, 75%
XYZ	43.8287, 49.8872, 27.4773
YIQ	183.4050, 19.9480, -20.1160

Conversions

Conversions Part 2

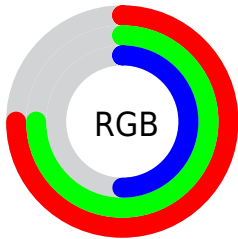
Format	Color
RYB	127, 191, 128
Decimal	12500863
CIELab	76.00, -10.26, 32.23
CIELCh	76, 33.829, 107.664
Yxy	49.8872, 0.3616, 0.4116
Android (android.graphics.Color)	4290690943 (0xFFBEBF7F)
YUV	183.4050, -27.8077, 5.7838
Hunter-Lab	70.6309, -12.8393, 26.3763

Details

The CIELCh color $76, 33.829, 107.664$ is a light color, and the websafe version is hex `C9C9C9`. A complement of this color would be $56, 36.735, 294.882$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 33.887, 107.533$, and $56, 33.898, 107.592$ is the 20% darker color. If you saturate the color by 10%, you get $76, 43.474, 106.768$, and if you desaturate by 10%, it is $76, 23.881, 108.597$.

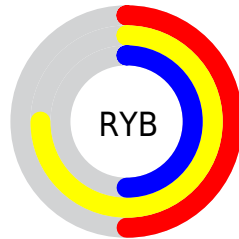
Distribution



Red (75%)

Green (75%)

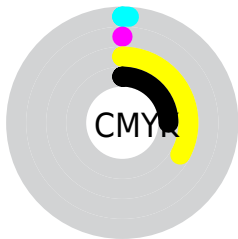
Blue (50%)



Red (50%)

Yellow (75%)

Blue (50%)

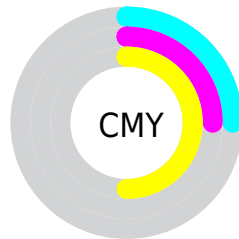


Cyan (1%)

Magenta (0%)

Yellow (33%)

Black (25%)



Cyan (25%)


Magenta (25%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 33.829, 107.664 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, 33.829, 107.664 by changing the saturation by 10% instead.


 76, 33.829,
107.664

 76, 33.829,
107.664


 100, 33.829,
107.664


 66, 33.829,
107.664


 96, 33.829,
107.664

 56, 33.829,
107.664

 46, 33.829,
107.664

 36, 33.829,
107.664

 26, 33.829,
107.664

 16, 33.829,
107.664

 6, 33.829, 107.664

■ 0, 33.829, 107.664

■ 76, 33.829,
107.664

■ 76, 33.829,
107.664

■ 76, 43.474,
106.768

■ 76, 23.881,
108.597

■ 75, 52.610,
105.926

■ 77, 13.759,
109.535

■ 75, 60.937,
105.176

■ 77, 3.547, 110.457

■ 75, 68.042,
104.559

■ 78, 6.698, 291.397

■ 75, 73.443,
104.120

■ 78, 16.939,
292.280

■ 75, 76.764,
103.889

■ 79, 27.150,
293.133

■ 80, 34.072,

■ 75, 78.076,
103.823

293.743

■ 80, 34.074,
293.902

■ 80, 34.077,
294.062

Harmonies

Complementary

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



76, 33.829, 107.664



56, 36.735, 294.882

Rectangle

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



76, 33.829, 107.664



76, 33.829, 157.664



76, 33.829, 287.664



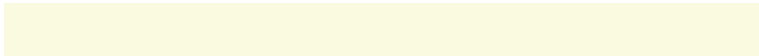
76, 33.829, 337.664

Sweetspot

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



76, 33.830, 107.667



98, 12.698, 109.844



60, 26.820, 22.324



52, 8.659, 109.712



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, 33.830, 107.667



96, 49.879, 107.017



74, 36.363, 127.515



41, 5.856, 109.917



64, 68.617, 103.810



12, 18.624, 107.676

Inverse Universe

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



56, 36.735, 294.882



66, 55.388, 296.071



58, 38.111, 310.704



37, 5.985, 291.730



18, 94.638, 306.342



1, 19.483, 291.558

Previews

White Background



This preview shows how the CIELCh color 76, 33.829, 107.664 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, 33.829, 107.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

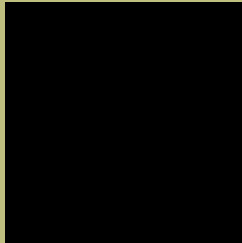
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 33.829, 107.664

Background



This preview shows how black text looks on a background with the CIELCh color 76, 33.829, 107.664.



This preview shows how white text looks on a background with the CIELCh color 76, 33.829, 107.664.

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, 33.829, 107.664

Protanopia
76, 33.111, 95.440

Deuteranopia
76, 32.482, 72.893



Tritanopia
76, 9.601, 328.482

Trichromacy



Original Color
76, 33.829, 107.664

Protanomaly
76, 33.586, 100.604

Deuteranomaly
76, 31.268, 85.386

Tritanomaly
76, 8.426, 82.291

Monochromacy



Original Color
76, 33.829, 107.664

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 12.878, 110.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 33.829, 107.664 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, 191, 127)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 127)  
}
```

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, 191, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 33.829, 107.664 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, 191, 127) }
```

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

```
.border{ border-color:rgb(190, 191, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 127);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 33.829, 107.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 127) }
```

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

```
.background{ background-color: rgb(190,  
191, 127) }
```

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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