

Converting Colors

CIELCh(77, 9.322, 106.608)

Have a look what the booklet for
CIELCh(77, 9.322, 106.608) contains.

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Color

CIELCh(77, 9.089, 106.918)

Conversions

Conversions Part 1

Format	Color
Hex	C0BFAE
RGB	192, 191, 174
RGB Percent	75%, 75%, 68%
CMY	0.2470, 0.2509, 0.3176
CMYK	0.00, 0.01, 0.09, 0.25
HSL	57°, 13%, 72%
HSV	57°, 9%, 75%
XYZ	48.0163, 51.5317, 47.4668
YIQ	189.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

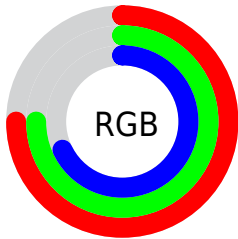
Format	Color
RYB	175, 192, 174
Decimal	12631982
CIELab	77.00, -2.64, 8.70
CIELCh	77, 9.089, 106.918
Yxy	51.5317, 0.3266, 0.3505
Android (android.graphics.Color)	4290822062 (0xFFC0BFAE)
YUV	189.3610, -7.5730, 2.3144
Hunter-Lab	71.7856, -6.2290, 11.0456

Details

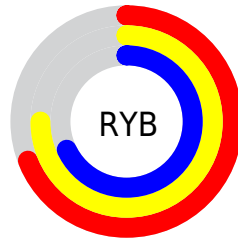
The CIELCh color $77, 9.089, 106.918$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 9.270, 288.874$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 9.170, 107.207$, and $57, 9.075, 109.095$ is the 20% darker color. If you saturate the color by 10%, you get $76, 18.768, 105.919$, and if you desaturate by 10%, it is $78, 0.617, 288.068$.

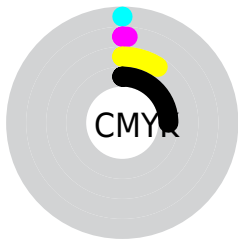
Distribution



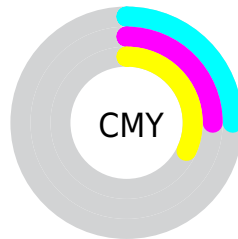
- Red (75%)
- Green (75%)
- Blue (68%)



- Red (69%)
- Yellow (75%)
- Blue (68%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (25%)



- Cyan (25%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 9.089, 106.918 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 77, 9.089, 106.918 by changing the saturation by 10% instead.

■ 77, 9.089, 106.918

■ 77, 9.089, 106.918

■ 100, 9.089,
106.918

■ 67, 9.089, 106.918

■ 97, 9.089, 106.918

■ 57, 9.089, 106.918

■ 47, 9.089, 106.918

■ 37, 9.089, 106.918

■ 27, 9.089, 106.918

■ 17, 9.089, 106.918

■ 7, 9.089, 106.918

■ 0, 9.089, 106.918

■ 77, 9.089, 106.918

■ 77, 9.089, 106.918

76, 18.768,
105.919

78, 0.617, 288.068

76, 28.354,
104.901

79, 10.316,
288.907

75, 37.751,
103.890

79, 19.983,
289.837

75, 46.801,
102.905

80, 29.599,
290.730

74, 55.260,
101.971

81, 31.227,
290.356

74, 62.762,
101.114

81, 30.645,
289.614

73, 68.823,
100.364

81, 30.069,
288.845

73, 72.935, 99.742

82, 29.498,
288.047

73, 75.073, 99.238

82, 28.933,
287.220

Harmonies

Complementary

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



77, 9.089, 106.918



72, 9.270, 288.874

Rectangle

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



77, 9.089, 106.918



77, 9.089, 156.918



77, 9.089, 286.918



77, 9.089, 336.918

Sweetspot

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



77, 9.091, 106.928



98, 3.597, 107.540



73, 6.889, 14.527



52, 2.728, 107.466



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



77, 9.091, 106.928



97, 13.213, 106.748



77, 10.094, 126.277



41, 5.539, 106.928



62, 65.918, 99.258



11, 17.402, 103.662

Inverse Universe

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



72, 9.270, 288.874



90, 13.516, 289.081



72, 10.249, 307.146



38, 5.648, 288.874



19, 92.065, 305.501



1, 18.709, 289.640

Previews

White Background



This preview shows how the CIELCh color 77, 9.089, 106.918 looks on a white background.

Color Contrast Check

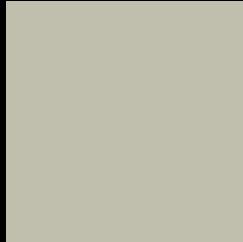
Large Text (above 18pt) WCAG AA × Fail

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 77, 9.089, 106.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

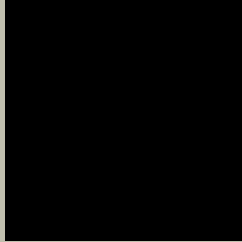
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

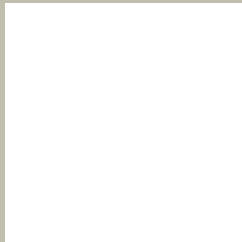
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 9.089, 106.918

Background



This preview shows how black text looks on a background with the CIELCh color 77, 9.089, 106.918.



This preview shows how white text looks on a background with the CIELCh color 77, 9.089, 106.918.

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


77, 9.089, 106.918

Protanopia

77, 9.082, 89.590

Deuteranopia

77, 12.597, 37.490



Tritanopia
77, 8.739, 312.774

Trichromacy



Original Color
77, 9.089, 106.918

Protanomaly
77, 9.278, 97.397

Deuteranomaly
77, 9.711, 57.023

Tritanomaly
77, 3.384, 340.156

Monochromacy



Original Color
77, 9.089, 106.918

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.207, 109.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 9.089, 106.918 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(192, 191, 174)` looks like.

```
.text, #text, p{  
    color:rgb(192, 191, 174)  
}
```

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(192, 191, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 191, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 9.089, 106.918 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(192, 191, 174) }
```

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

```
.border{ border-color:rgb(192, 191, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 191, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 191, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 191, 174);  
box-shadow:4px 4px 4px 4px rgb(192, 191,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 9.089, 106.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 191, 174) }
```

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

```
.background{ background-color: rgb(192,  
191, 174) }
```

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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