

Converting Colors

CIELCh(77, 10.578, 73.462)

Have a look what the booklet for
CIELCh(77, 10.578, 73.462) contains.

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Color

CIELCh(77, 10.567, 73.471)

Conversions

Conversions Part 1

Format	Color
Hex	CCBCAC
RGB	204, 188, 172
RGB Percent	80%, 74%, 67%
CMY	0.2016, 0.2643, 0.3271
CMYK	0.00, 0.08, 0.16, 0.20
HSL	30°, 24%, 74%
HSV	30°, 16%, 80%
XYZ	50.0896, 51.5317, 46.1324
YIQ	190.9600, 14.6720, -1.5840

Conversions

Conversions Part 2

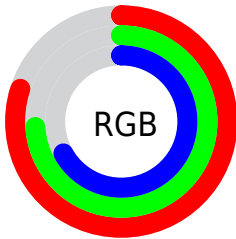
Format	Color
RYB	204, 204, 172
Decimal	13417644
CIELab	77.00, 3.01, 10.13
CIELCh	77, 10.567, 73.471
Yxy	51.5317, 0.3390, 0.3488
Android (android.graphics.Color)	4291607724 (0xFFCCBCAC)
YUV	190.9600, -9.3473, 11.4361
Hunter-Lab	71.7856, -1.0734, 12.1478

Details

The CIELCh color `77, 10.567, 73.471` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75, 10.154, 257.623`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 9.534, 84.627`, and `57, 10.582, 72.998` is the 20% darker color. If you saturate the color by 10%, you get `74, 17.707, 72.252`, and if you desaturate by 10%, it is `80, 3.751, 74.648`.

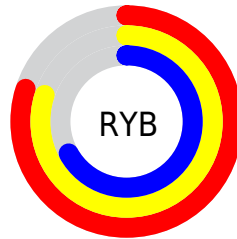
Distribution



Red (80%)

Green (74%)

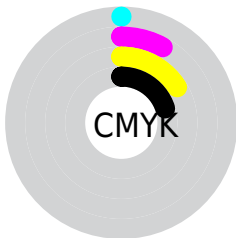
Blue (67%)



Red (80%)

Yellow (80%)

Blue (67%)

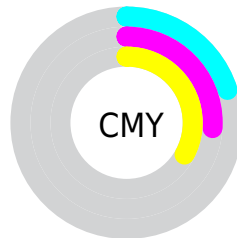


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 10.567, 73.471 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, 10.567, 73.471 by changing the saturation by 10% instead.

■ 77, 10.567, 73.471

■ 77, 10.567, 73.471

■ 100, 10.567,
73.471

■ 67, 10.567, 73.471

■ 97, 10.567, 73.471

■ 57, 10.567, 73.471

■ 47, 10.567, 73.471

■ 37, 10.567, 73.471

■ 27, 10.567, 73.471

■ 17, 10.567, 73.471

■ 7, 10.567, 73.471

■ 0, 10.567, 73.471

■ 77, 10.567, 73.471

■ 77, 10.567, 73.471

74, 17.707, 72.252

80, 3.751, 74.648

71, 25.184, 70.999

83, 2.769, 256.084

68, 32.991, 69.733

86, 9.021, 257.160

65, 41.076, 68.448

90, 15.033,
258.274

63, 49.293, 67.111

92, 14.125,
236.214

60, 57.325, 65.640

58, 64.551, 63.854

95, 15.152,
211.035

55, 70.010, 61.431

97, 17.002,
198.378

54, 72.031, 60.336

Harmonies

Complementary

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



77, 10.567, 73.471



75, 10.154, 257.623

Rectangle

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



77, 10.567, 73.471



77, 10.567, 123.471



77, 10.567, 253.471



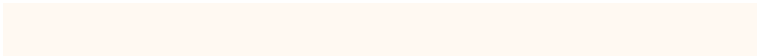
77, 10.567, 303.471

Sweetspot

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



77, 10.568, 73.484



98, 3.936, 74.714



73, 14.792, 344.974



52, 2.690, 74.641



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 10.568, 73.484



93, 15.471, 73.052



81, 16.867, 108.665



41, 3.765, 74.238



45, 61.641, 60.936



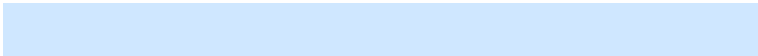
8, 14.350, 57.872

Inverse Universe

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



75, 10.154, 257.623



91, 14.712, 258.185



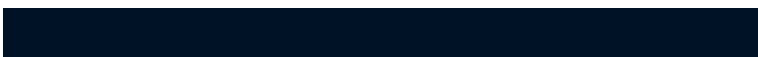
71, 17.481, 291.882



41, 3.684, 256.713



36, 51.910, 283.688



6, 15.150, 271.197

Previews

White Background



This preview shows how the CIELCh color 77, 10.567, 73.471 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, 10.567, 73.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

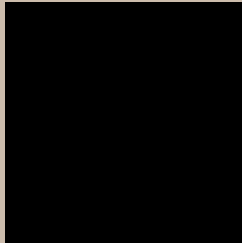
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 10.567, 73.471

Background



This preview shows how black text looks on a background with the CIELCh color 77, 10.567, 73.471.



This preview shows how white text looks on a background with the CIELCh color 77, 10.567, 73.471.

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, 10.567, 73.471

Protanopia

77, 9.580, 90.597

Deuteranopia

77, 13.858, 45.258



Tritanopia
77, 11.366, 339.032

Trichromacy



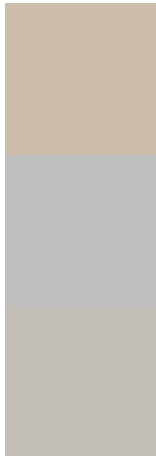
Original Color
77, 10.567, 73.471

Protanomaly
77, 10.024, 84.265

Deuteranomaly
77, 12.316, 54.235

Tritanomaly
77, 8.061, 8.549

Monochromacy



Original Color
77, 10.567, 73.471

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.902, 74.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 10.567, 73.471 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(204, 188, 172)` looks like.

```
.text, #text, p{  
    color:rgb(204, 188, 172)  
}
```

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(204, 188, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 188, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 10.567, 73.471 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(204, 188, 172) }
```

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

```
.border{ border-color:rgb(204, 188, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 188, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 188, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 188, 172);  
box-shadow:4px 4px 4px 4px rgb(204, 188,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 10.567, 73.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 188, 172) }
```

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

```
.background{ background-color: rgb(204,  
188, 172) }
```

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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