

Converting Colors

CIELCh(77, 33.566, 88.278)

Have a look what the booklet for
CIELCh(77, 33.566, 88.278) contains.

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Color

CIELCh(77, 33.620, 89.035)

Conversions

Conversions Part 1

Format	Color
Hex	D5BC80
RGB	213, 188, 128
RGB Percent	84%, 74%, 50%
CMY	0.1656, 0.2636, 0.4989
CMYK	0.00, 0.12, 0.40, 0.17
HSL	42°, 50%, 67%
HSV	42°, 40%, 83%
XYZ	49.1872, 51.5317, 27.7016
YIQ	188.6350, 34.1600, -13.3600

Conversions

Conversions Part 2

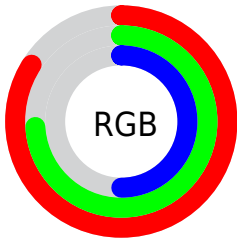
Format	Color
R _Y B	163, 213, 128
Decimal	14007424
CIE Lab	77.00, 0.57, 33.62
CIE LCh	77, 33.620, 89.035
Yxy	51.5317, 0.3830, 0.4013
Android (android.graphics.Color)	4292197504 (0xFFD5BC80)
YUV	188.6350, -29.8931, 21.3681
Hunter-Lab	71.7856, -3.3173, 27.3703

Details

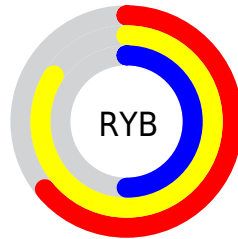
The CIELCh color **77, 33.620, 89.035** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 34.045, 280.700**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 32.247, 100.058**, and **57, 33.552, 88.961** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.154, 87.668**, and if you desaturate by 10%, it is **79, 25.058, 90.372**.

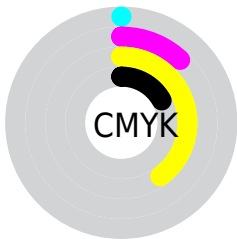
Distribution



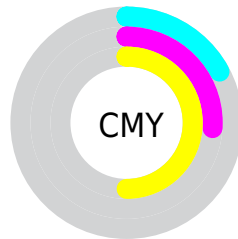
- Red (84%)
- Green (74%)
- Blue (50%)



- Red (64%)
- Yellow (84%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (17%)



- Cyan (17%)
- Magenta (26%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 33.620, 89.035 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, 33.620, 89.035 by changing the saturation by 10% instead.

■ 77, 33.620, 89.035

■ 77, 33.620, 89.035

■ 100, 33.620,
89.035

■ 67, 33.620, 89.035

■ 97, 33.620, 89.035

■ 57, 33.620, 89.035

■ 47, 33.620, 89.035

■ 37, 33.620, 89.035

■ 27, 33.620, 89.035

■ 17, 33.620, 89.035

■ 7, 33.620, 89.035

■ 0, 33.620, 89.035

■ 77, 33.620, 89.035

■ 77, 33.620, 89.035

75, 42.154, 87.668

79, 25.058, 90.372

73, 50.470, 86.251

81, 16.563, 91.666

71, 58.234, 84.762

83, 8.184, 92.909

70, 64.894, 83.143

85, 0.059, 277.939

68, 69.682, 81.283

87, 8.161, 275.343

67, 72.283, 79.099

90, 15.904,
276.200

67, 72.298, 79.086

91, 13.520,
263.517

93, 12.025,
246.789

94, 11.740,
227.580

Harmonies

Complementary

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



77, 33.620, 89.035



63, 34.045, 280.700

Rectangle

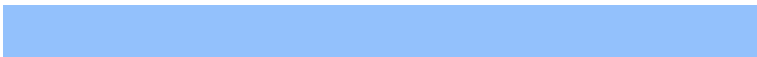
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 33.620, 89.035



77, 33.620, 139.035



77, 33.620, 269.035



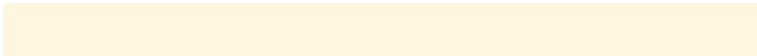
77, 33.620, 319.035

Sweetspot

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



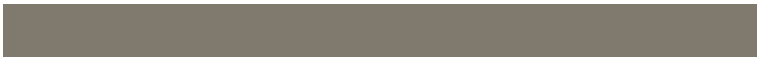
77, 33.621, 89.040



97, 11.468, 92.643



63, 35.999, 0.804



51, 7.616, 92.481



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, 33.621, 89.040



89, 46.924, 87.869



82, 44.312, 115.277



44, 4.696, 92.971



54, 61.444, 79.501



12, 18.713, 82.695

Inverse Universe

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



63, 34.045, 280.700



70, 47.864, 282.708



58, 48.690, 301.553



42, 4.714, 275.374



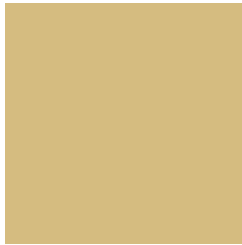
27, 76.472, 298.451



4, 22.018, 285.929

Previews

White Background



This preview shows how the CIELCh color 77, 33.620, 89.035 looks on a white background.

Color Contrast Check

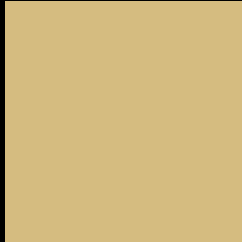
Large Text (above 18pt) WCAG AA × Fail

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 77, 33.620, 89.035 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, 33.620, 89.035

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.620, 89.035.



This preview shows how white text looks on a background with the CIELCh color 77, 33.620, 89.035.

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](#).

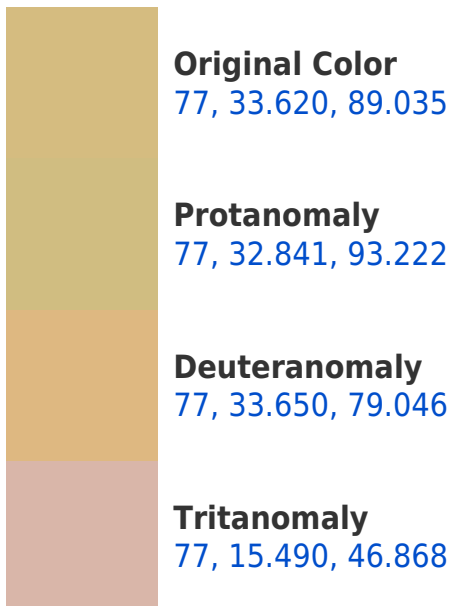
Dichromacy





Tritanopia
77, 17.104, 354.987

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.620, 89.035 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(213, 188, 128)` looks like.

```
.text, #text, p{  
    color:rgb(213, 188, 128)  
}
```

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(213, 188, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 188, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.620, 89.035 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(213, 188, 128) }
```

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

```
.border{ border-color:rgb(213, 188, 128) }
```

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

Here you see how a box with a 4 pixel rgb(213, 188, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 188, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 188, 128);  
box-shadow:4px 4px 4px 4px rgb(213, 188,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.620, 89.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 188, 128) }
```

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

```
.background{ background-color: rgb(213,  
188, 128) }
```

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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