

Converting Colors

CIELCh(77, 37.619, 88.368)

Have a look what the booklet for
CIELCh(77, 37.619, 88.368) contains.

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Color

CIELCh(77, 37.554, 88.401)

Conversions

Conversions Part 1

Format	Color
Hex	D7BB78
RGB	215, 187, 120
RGB Percent	84%, 73%, 47%
CMY	0.1556, 0.2654, 0.5283
CMYK	0.00, 0.13, 0.44, 0.16
HSL	42°, 54%, 66%
HSV	42°, 44%, 84%
XYZ	49.3645, 51.5317, 25.2071
YIQ	187.7340, 38.1950, -14.9010

Conversions

Conversions Part 2

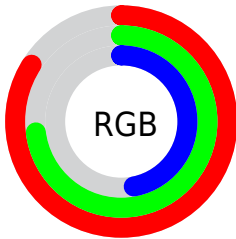
Format	Color
RYB	160, 215, 120
Decimal	14138232
CIELab	77.00, 1.05, 37.54
CIElCh	77, 37.554, 88.401
Yxy	51.5317, 0.3915, 0.4086
Android (android.graphics.Color)	4292328312 (0xFFD7BB78)
YUV	187.7340, -33.3929, 23.9123
Hunter-Lab	71.7856, -2.8765, 29.4306

Details

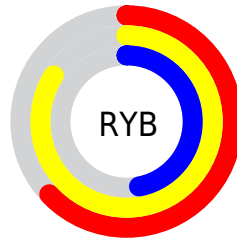
The CIELCh color **77, 37.554, 88.401** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62, 38.134, 281.607**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 35.792, 99.827**, and **57, 37.449, 88.669** is the 20% darker color. If you saturate the color by 10%, you get **75, 46.106, 87.014**, and if you desaturate by 10%, it is **79, 28.908, 89.756**.

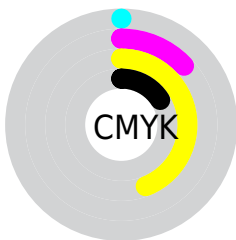
Distribution



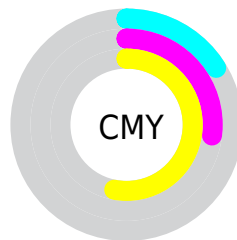
- Red (84%)
- Green (73%)
- Blue (47%)



- Red (63%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (44%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 37.554, 88.401 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, 37.554, 88.401 by changing the saturation by 10% instead.

■ 77, 37.554, 88.401

■ 77, 37.554, 88.401

■ 100, 37.554,
88.401

■ 67, 37.554, 88.401

■ 97, 37.554, 88.401

■ 57, 37.554, 88.401

■ 47, 37.554, 88.401

■ 37, 37.554, 88.401

■ 27, 37.554, 88.401

■ 17, 37.554, 88.401

■ 7, 37.554, 88.401

■ 0, 37.554, 88.401

■ 77, 37.554, 88.401

■ 77, 37.554, 88.401

75, 46.106, 87.014

79, 28.908, 89.756

73, 54.320, 85.569

81, 20.297, 91.068

71, 61.772, 84.031

83, 11.789, 92.336

70, 67.799, 82.323

85, 3.412, 93.523

68, 71.599, 80.307

87, 4.822, 274.824

67, 72.939, 78.993

90, 12.913,
275.932

91, 13.111,
266.378

93, 11.433,
249.042

95, 11.038,
228.479

Harmonies

Complementary

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



77, 37.554, 88.401



62, 38.134, 281.607

Rectangle

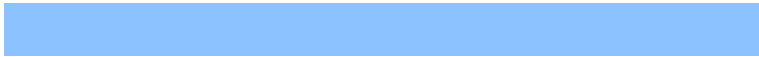
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 37.554, 88.401



77, 37.554, 138.401



77, 37.554, 268.401



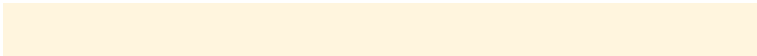
77, 37.554, 318.401

Sweetspot

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



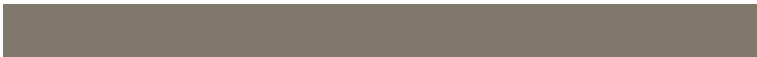
77, 37.555, 88.405



97, 12.426, 92.461



62, 40.261, 1.548



51, 8.712, 92.185



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, 37.555, 88.405



88, 51.783, 87.103



83, 49.198, 115.011



44, 4.693, 92.914



54, 61.436, 79.430



12, 18.701, 82.618

Inverse Universe

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



62, 38.134, 281.607



67, 53.120, 283.963



56, 54.738, 302.042



42, 4.710, 275.318



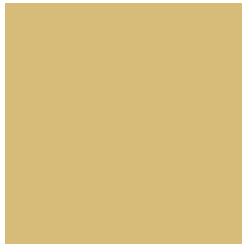
27, 76.386, 298.413



4, 22.002, 285.899

Previews

White Background



This preview shows how the CIELCh color 77, 37.554, 88.401 looks on a white background.

Color Contrast Check

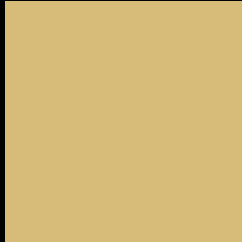
Large Text (above 18pt) WCAG AA × Fail

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, 37.554, 88.401 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, 37.554, 88.401

Background



This preview shows how black text looks on a background with the CIELCh color 77, 37.554, 88.401.



This preview shows how white text looks on a background with the CIELCh color 77, 37.554, 88.401.

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, 37.554, 88.401

Protanopia

77, 37.159, 95.645

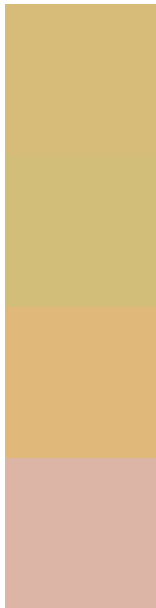
Deuteranopia

77, 38.589, 75.810



Tritanopia
77, 18.504, 357.239

Trichromacy



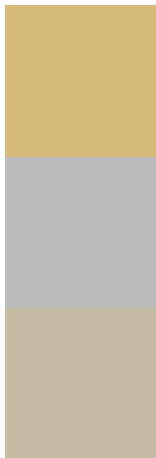
Original Color
77, 37.554, 88.401

Protanomaly
77, 37.086, 92.970

Deuteranomaly
77, 37.864, 80.302

Tritanomaly
77, 17.512, 47.549

Monochromacy



Original Color
77, 37.554, 88.401

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.935, 92.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 37.554, 88.401 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(215, 187, 120)` looks like.

```
.text, #text, p{  
    color:rgb(215, 187, 120)  
}
```

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(215, 187, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 187, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 37.554, 88.401 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(215, 187, 120) }
```

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

```
.border{ border-color:rgb(215, 187, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 187, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 187, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 187, 120);  
box-shadow:4px 4px 4px 4px rgb(215, 187,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 37.554, 88.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 187, 120) }
```

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

```
.background{ background-color: rgb(215,  
187, 120) }
```

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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