

Converting Colors

CIELCh(75, 37.482, 82.908)

Have a look what the booklet for
CIELCh(75, 37.482, 82.908) contains.

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Color

CIELCh(75, 37.511, 83.353)

Conversions

Conversions Part 1

Format	Color
Hex	D7B474
RGB	215, 180, 116
RGB Percent	84%, 71%, 45%
CMY	0.1574, 0.2946, 0.5455
CMYK	0.00, 0.16, 0.46, 0.16
HSL	39°, 55%, 65%
HSV	39°, 46%, 84%
XYZ	47.4277, 48.2781, 23.3063
YIQ	183.1690, 41.4040, -12.4840

Conversions

Conversions Part 2

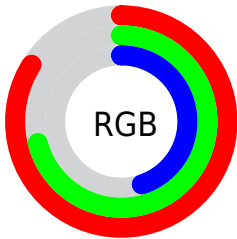
Format	Color
RYB	170, 215, 116
Decimal	14136436
CIELab	75.00, 4.34, 37.26
CIELCh	75, 37.511, 83.353
Yxy	48.2781, 0.3985, 0.4057
Android (android.graphics.Color)	4292326516 (0xFFD7B474)
YUV	183.1690, -33.1143, 27.9158
Hunter-Lab	69.4824, 0.2471, 28.7502

Details

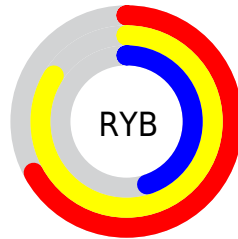
The CIELCh color **75, 37.511, 83.353** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **62, 36.809, 277.742**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 35.000, 95.040**, and **55, 37.489, 83.174** is the 20% darker color. If you saturate the color by 10%, you get **73, 45.906, 81.908**, and if you desaturate by 10%, it is **77, 29.104, 84.757**.

Distribution



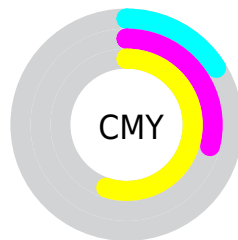
- Red (84%)
- Green (71%)
- Blue (45%)



- Red (67%)
- Yellow (84%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (46%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 37.511, 83.353 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 75, 37.511, 83.353 by changing the saturation by 10% instead.

75, 37.511, 83.353

75, 37.511, 83.353

100, 37.511,
83.353

65, 37.511, 83.353

95, 37.511, 83.353

55, 37.511, 83.353

45, 37.511, 83.353

35, 37.511, 83.353

25, 37.511, 83.353

15, 37.511, 83.353

5, 37.511, 83.353

0, 37.511, 83.353

75, 37.511, 83.353

75, 37.511, 83.353

73, 45.906, 81.908

77, 29.104, 84.757

71, 54.049, 80.384

80, 20.805, 86.115

69, 61.503, 78.722

82, 12.671, 87.429

67, 67.560, 76.800

84, 4.722, 88.672

65, 71.370, 74.416

87, 3.040, 270.051

64, 72.497, 73.413

89, 10.624,
271.172

92, 12.748,
262.606

94, 11.215,
240.455

96, 11.619,
216.237

Harmonies

Complementary

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



75, 37.511, 83.353



62, 36.809, 277.742

Rectangle

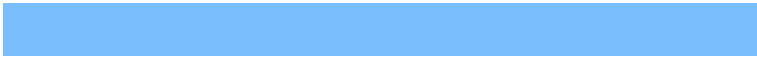
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 37.511, 83.353



75, 37.511, 133.353



75, 37.511, 263.353



75, 37.511, 313.353

Sweetspot

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



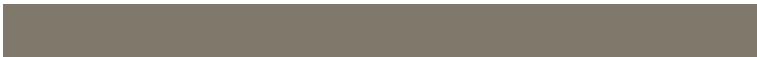
75, 37.511, 83.358



96, 12.656, 87.676



61, 42.855, 357.152



51, 8.761, 87.397



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 37.511, 83.358



85, 51.736, 81.987



83, 50.742, 111.922



44, 4.427, 88.269



52, 61.107, 73.935



12, 17.911, 76.433

Inverse Universe

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



62, 36.809, 277.742



68, 50.867, 280.292



54, 57.143, 300.354



42, 4.416, 270.760



30, 69.706, 295.215



5, 20.735, 283.275

Previews

White Background



This preview shows how the CIELCh color 75, 37.511, 83.353 looks on a white background.

Color Contrast Check

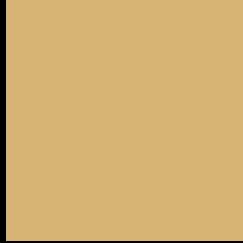
Large Text (above 18pt) WCAG AA × Fail

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 75, 37.511, 83.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

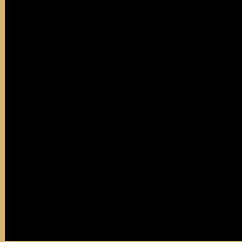
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 37.511, 83.353

Background



This preview shows how black text looks on a background with the CIELCh color 75, 37.511, 83.353.

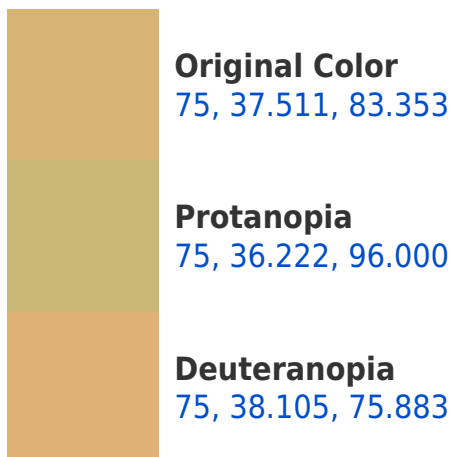


This preview shows how white text looks on a background with the CIELCh color 75, 37.511, 83.353.

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
75, 20.773, 0.161

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 37.511, 83.353 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, 180, 116)` looks like.

```
.text, #text, p{  
    color:rgb(215, 180, 116)  
}
```

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, 180, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 180, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 37.511, 83.353 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, 180, 116) }
```

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

```
.border{ border-color:rgb(215, 180, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 180, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 180, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 180, 116);  
box-shadow:4px 4px 4px 4px rgb(215, 180,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 37.511, 83.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 180, 116) }
```

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

```
.background{ background-color: rgb(215,  
180, 116) }
```

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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