

Converting Colors

CIELCh(75, 37.051, 90.619)

Have a look what the booklet for
CIELCh(75, 37.051, 90.619) contains.

CIELCh(75, 37.143, 90.784)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 37.143, 90.784)

Conversions

Conversions Part 1

Format	Color
Hex	CFB774
RGB	207, 183, 116
RGB Percent	81%, 72%, 45%
CMY	0.1891, 0.2831, 0.5458
CMYK	0.00, 0.12, 0.44, 0.19
HSL	44°, 49%, 63%
HSV	44°, 44%, 81%
XYZ	45.7088, 48.2781, 23.3762
YIQ	182.5380, 35.8110, -15.7490

Conversions

Conversions Part 2

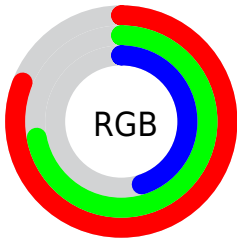
Format	Color
RYB	149, 207, 116
Decimal	13612916
CIELab	75.00, -0.51, 37.14
CIElCh	75, 37.143, 90.784
Yxy	48.2781, 0.3895, 0.4114
Android (android.graphics.Color)	4291802996 (0xFFCFB774)
YUV	182.5380, -32.8032, 21.4532
Hunter-Lab	69.4824, -4.1688, 28.6906

Details

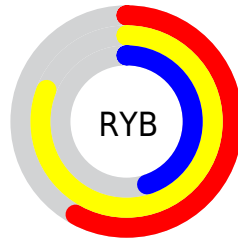
The CIELCh color **75, 37.143, 90.784** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 38.308, 283.615**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 36.151, 97.279**, and **55, 37.166, 90.529** is the 20% darker color. If you saturate the color by 10%, you get **73, 45.516, 89.442**, and if you desaturate by 10%, it is **77, 28.629, 92.100**.

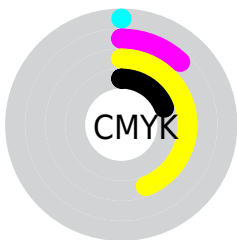
Distribution



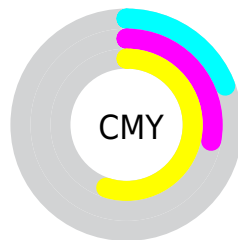
- Red (81%)
- Green (72%)
- Blue (45%)



- Red (58%)
- Yellow (81%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (44%)
- Black (19%)



- Cyan (19%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 37.143, 90.784 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, 37.143, 90.784 by changing the saturation by 10% instead.

75, 37.143, 90.784

75, 37.143, 90.784

100, 37.143,
90.784

65, 37.143, 90.784

95, 37.143, 90.784

55, 37.143, 90.784

45, 37.143, 90.784

35, 37.143, 90.784

25, 37.143, 90.784

15, 37.143, 90.784

5, 37.143, 90.784

0, 37.143, 90.784

75, 37.143, 90.784

75, 37.143, 90.784

73, 45.516, 89.442

77, 28.629, 92.100

72, 53.500, 88.054

79, 20.107, 93.379

70, 60.679, 86.596

80, 11.650, 94.616

69, 66.422, 85.008

82, 3.295, 95.777

67, 69.990, 83.183

84, 4.943, 277.038

66, 71.260, 81.982

86, 13.062,
278.124

88, 18.256,
276.782

89, 16.056,
267.542

91, 14.386,
255.882

Harmonies

Complementary

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



75, 37.143, 90.784



59, 38.308, 283.615

Rectangle

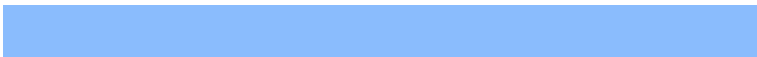
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 37.143, 90.784



75, 37.143, 140.784



75, 37.143, 270.784



75, 37.143, 320.784

Sweetspot

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



75, 37.144, 90.788



97, 12.822, 94.717



60, 38.516, 3.945



51, 8.986, 94.446



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, 37.144, 90.788



89, 52.968, 89.490



80, 47.698, 116.472



43, 4.750, 95.164



55, 61.199, 82.332



12, 17.816, 85.859

Inverse Universe

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



59, 38.308, 283.615



66, 55.439, 285.977



54, 52.842, 303.012



41, 4.781, 277.507



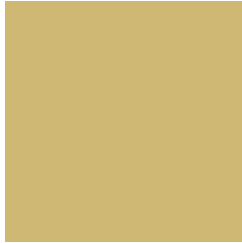
26, 78.830, 299.816



4, 20.982, 285.933

Previews

White Background



This preview shows how the CIELCh color 75, 37.143, 90.784 looks on a white background.

Color Contrast Check

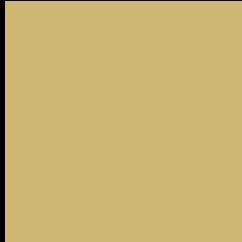
Large Text (above 18pt) WCAG AA × Fail

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, 37.143, 90.784 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, 37.143, 90.784

Background



This preview shows how black text looks on a background with the CIELCh color 75, 37.143, 90.784.



This preview shows how white text looks on a background with the CIELCh color 75, 37.143, 90.784.

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


75, 37.143, 90.784

Protanopia

75, 36.727, 96.086

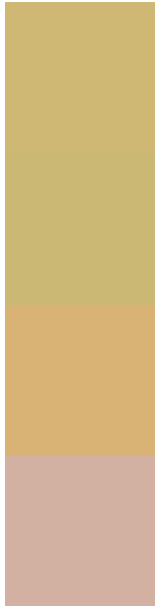
Deuteranopia

75, 38.105, 75.883



Tritanopia
75, 16.846, 354.420

Trichromacy



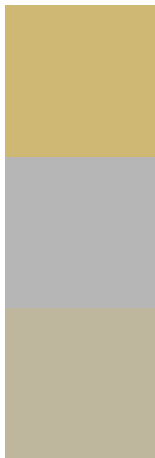
Original Color
75, 37.143, 90.784

Protanomaly
75, 36.535, 94.014

Deuteranomaly
75, 37.174, 81.044

Tritanomaly
75, 15.810, 50.801

Monochromacy



Original Color
75, 37.143, 90.784

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 13.393, 93.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 37.143, 90.784 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(207, 183, 116)` looks like.

```
.text, #text, p{  
    color:rgb(207, 183, 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(207, 183, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 183, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 37.143, 90.784 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(207, 183, 116) }
```

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

```
.border{ border-color:rgb(207, 183, 116) }
```

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

Here you see how a box with a 4 pixel rgb(207, 183, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 183, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 183, 116);  
box-shadow:4px 4px 4px 4px rgb(207, 183,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 37.143, 90.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 183, 116) }
```

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

```
.background{ background-color: rgb(207,  
183, 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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