

Converting Colors

CIELCh(75, 36.518, 91.273)

Have a look what the booklet for
CIELCh(75, 36.518, 91.273) contains.

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Color

CIELCh(75, 36.518, 91.273)

Conversions

Conversions Part 1

Format	Color
Hex	CEB775
RGB	206, 183, 117
RGB Percent	81%, 72%, 46%
CMY	0.1921, 0.2823, 0.5411
CMYK	0.00, 0.11, 0.43, 0.19
HSL	44°, 48%, 63%
HSV	44°, 43%, 81%
XYZ	45.6027, 48.2781, 23.7473
YIQ	182.3530, 34.8940, -15.6500

Conversions

Conversions Part 2

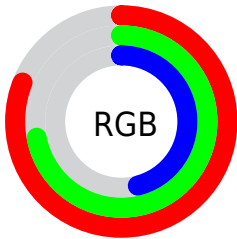
Format	Color
RYB	148, 206, 117
Decimal	13547381
CIELab	75.00, -0.81, 36.51
CIElCh	75, 36.518, 91.273
Yxy	48.2781, 0.3877, 0.4104
Android (android.graphics.Color)	4291737461 (0xFFCEB775)
YUV	182.3530, -32.2190, 20.7384
Hunter-Lab	69.4824, -4.4411, 28.3739

Details

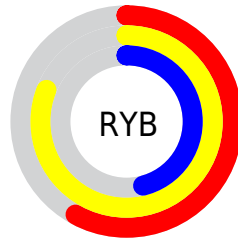
The CIELCh color **75, 36.518, 91.273** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 37.718, 283.767**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 35.659, 97.191**, and **55, 36.527, 91.100** is the 20% darker color. If you saturate the color by 10%, you get **73, 44.902, 89.942**, and if you desaturate by 10%, it is **77, 27.998, 92.580**.

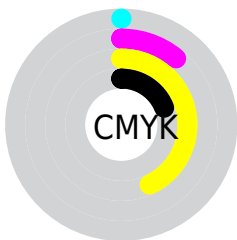
Distribution



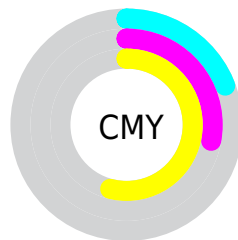
- Red (81%)
- Green (72%)
- Blue (46%)



- Red (58%)
- Yellow (81%)
- Blue (46%)



- Cyan (0%)
- Magenta (11%)
- Yellow (43%)
- Black (19%)



- Cyan (19%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 36.518, 91.273 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, 36.518, 91.273 by changing the saturation by 10% instead.

■ 75, 36.518, 91.273

■ 75, 36.518, 91.273

■ 100, 36.518,
91.273

■ 65, 36.518, 91.273

■ 95, 36.518, 91.273

■ 55, 36.518, 91.273

■ 45, 36.518, 91.273

■ 35, 36.518, 91.273

■ 25, 36.518, 91.273

■ 15, 36.518, 91.273

■ 5, 36.518, 91.273

■ 0, 36.518, 91.273

■ 75, 36.518, 91.273

■ 75, 36.518, 91.273

73, 44.902, 89.942

77, 27.998, 92.580

72, 52.911, 88.568

78, 19.472, 93.850

70, 60.146, 87.131

80, 11.009, 95.078

69, 65.995, 85.576

82, 2.645, 96.218

67, 69.722, 83.805

84, 5.606, 277.478

66, 71.162, 82.474

86, 13.740,
278.561

88, 18.622,
277.041

89, 16.450,
268.267

91, 14.763,
257.264

Harmonies

Complementary

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



75, 36.518, 91.273



59, 37.718, 283.767

Rectangle

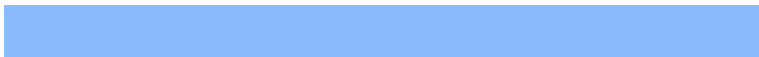
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 36.518, 91.273



75, 36.518, 141.273



75, 36.518, 271.273



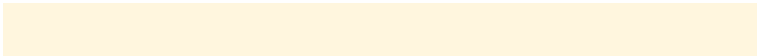
75, 36.518, 321.273

Sweetspot

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



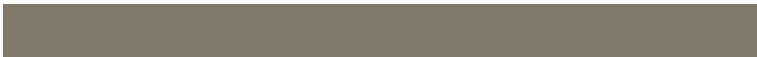
75, 36.519, 91.277



97, 12.890, 95.083



60, 37.685, 3.795



51, 9.034, 94.813



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, 36.519, 91.277



89, 52.196, 90.017



79, 46.741, 116.519



42, 4.680, 95.532



54, 60.609, 82.838



11, 16.479, 86.615

Inverse Universe

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



59, 37.718, 283.767



66, 54.702, 286.039



55, 51.663, 302.926



40, 4.712, 277.858



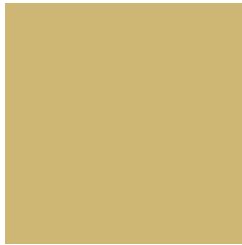
25, 78.405, 300.005



3, 19.400, 285.017

Previews

White Background



This preview shows how the CIELCh color 75, 36.518, 91.273 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, 36.518, 91.273 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, 36.518, 91.273

Background



This preview shows how black text looks on a background with the CIELCh color 75, 36.518, 91.273.



This preview shows how white text looks on a background with the CIELCh color 75, 36.518, 91.273.

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, 36.518, 91.273

Protanopia

75, 36.222, 96.000

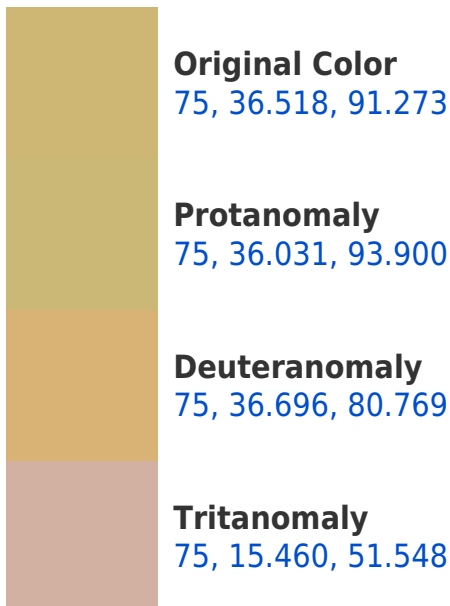
Deuteranopia

75, 37.643, 75.555



Tritanopia
75, 16.506, 353.783

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 36.518, 91.273 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(206, 183, 117)` looks like.

```
.text, #text, p{  
    color:rgb(206, 183, 117)  
}
```

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(206, 183, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 183, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 36.518, 91.273 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(206, 183, 117) }
```

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

```
.border{ border-color:rgb(206, 183, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 183, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 183, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 183, 117);  
box-shadow:4px 4px 4px 4px rgb(206, 183,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 36.518, 91.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 183, 117) }
```

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

```
.background{ background-color: rgb(206,  
183, 117) }
```

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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