

Converting Colors

CIELCh(75, 32.189, 63.458)

Have a look what the booklet for
CIELCh(75, 32.189, 63.458) contains.

CIELCh(75, 32.225, 64.192)	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, 32.225, 64.192)

Conversions

Conversions Part 1

Format	Color
Hex	E3AE84
RGB	227, 174, 132
RGB Percent	89%, 68%, 52%
CMY	0.1097, 0.3176, 0.4823
CMYK	0.00, 0.23, 0.42, 0.11
HSL	27°, 63%, 70%
HSV	27°, 42%, 89%
XYZ	50.9888, 48.2781, 28.4667
YIQ	185.0590, 45.0700, -1.8260

Conversions

Conversions Part 2

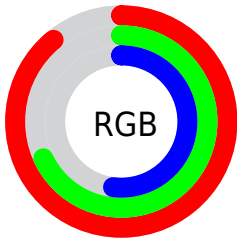
Format	Color
R_{YB}	227, 207, 132
Decimal	14921348
CIE _{Lab}	75.00, 14.03, 29.01
CIE _{LCh}	75, 32.225, 64.192
Yxy	48.2781, 0.3992, 0.3780
Android (android.graphics.Color)	4293111428 (0xFFE3AE84)
YUV	185.0590, -26.1581, 36.7823
Hunter-Lab	69.4824, 9.3957, 24.3469

Details

The CIELCh color **75, 32.225, 64.192** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 27.283, 255.964**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 25.146, 85.581**, and **55, 32.354, 64.478** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.067, 63.110**, and if you desaturate by 10%, it is **79, 23.821, 65.300**.

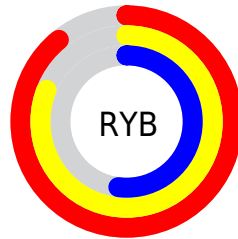
Distribution



Red (89%)

Green (68%)

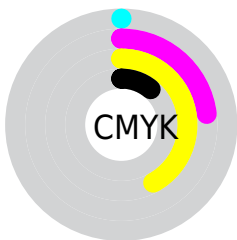
Blue (52%)



Red (89%)

Yellow (81%)

Blue (52%)

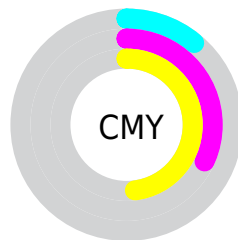


Cyan (0%)

Magenta (23%)

Yellow (42%)

Black (11%)



Cyan (11%)

Magenta (32%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 32.225, 64.192 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, 32.225, 64.192 by changing the saturation by 10% instead.

 75, 32.225, 64.192

 75, 32.225, 64.192

 100, 32.225,
64.192

 65, 32.225, 64.192

 95, 32.225, 64.192

 55, 32.225, 64.192

 45, 32.225, 64.192

 35, 32.225, 64.192

 25, 32.225, 64.192

 15, 32.225, 64.192

 5, 32.225, 64.192

 0, 32.225, 64.192

 75, 32.225, 64.192

 75, 32.225, 64.192

72, 41.067, 63.110

79, 23.821, 65.300

68, 50.255, 62.019

82, 15.873, 66.413

65, 59.550, 60.862

86, 8.365, 67.518

62, 68.424, 59.487

90, 1.263, 68.341

60, 75.890, 57.579

93, 5.473, 249.898

58, 80.483, 55.540

97, 8.162, 217.303

98, 9.509, 198.874

Harmonies

Complementary

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



75, 32.225, 64.192



73, 27.283, 255.964

Rectangle

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



75, 32.225, 64.192



75, 32.225, 114.192



75, 32.225, 244.192



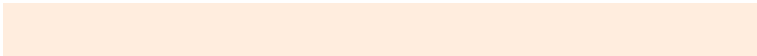
75, 32.225, 294.192

Sweetspot

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



75, 32.225, 64.198



95, 10.123, 67.383



67, 45.122, 344.093



50, 7.128, 67.139



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, 32.225, 64.198



80, 43.338, 63.275



87, 45.378, 103.041



46, 4.019, 67.773



46, 66.940, 56.182



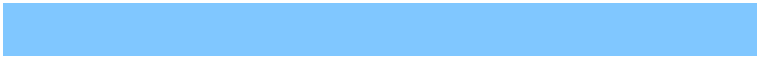
11, 21.039, 54.340

Inverse Universe

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



73, 27.283, 255.964



78, 35.310, 258.186



61, 49.931, 293.356



46, 3.896, 250.127



42, 49.020, 277.647



10, 17.933, 268.461

Previews

White Background



This preview shows how the CIELCh color 75, 32.225, 64.192 looks on a white background.

Color Contrast Check

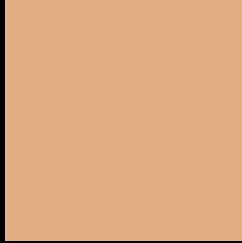
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 32.225, 64.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

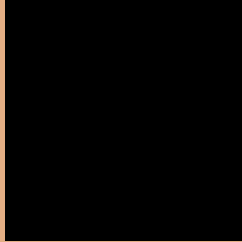
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 32.225, 64.192

Background



This preview shows how black text looks on a background with the CIELCh color 75, 32.225, 64.192.

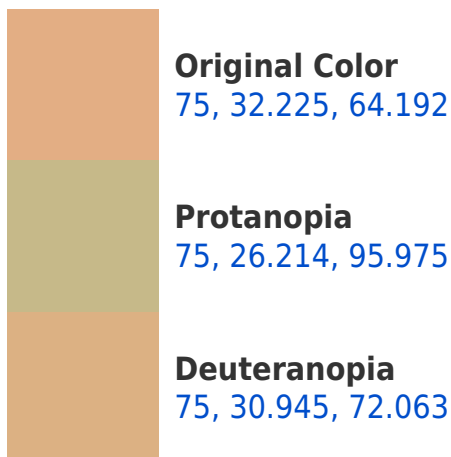


This preview shows how white text looks on a background with the CIELCh color 75, 32.225, 64.192.

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, 25.442, 7.213

Trichromacy



Original Color
75, 32.225, 64.192

Protanomaly
75, 27.395, 82.698

Deuteranomaly
75, 31.633, 69.145

Tritanomaly
75, 24.368, 30.187

Monochromacy



Original Color
75, 32.225, 64.192

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 10.982, 66.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 32.225, 64.192 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(227, 174, 132)` looks like.

```
.text, #text, p{  
    color:rgb(227, 174, 132)  
}
```

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(227, 174, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 174, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 32.225, 64.192 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(227, 174, 132) }
```

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

```
.border{ border-color:rgb(227, 174, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 174, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 174, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 174, 132);  
box-shadow:4px 4px 4px 4px rgb(227, 174,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 32.225, 64.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 174, 132) }
```

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

```
.background{ background-color: rgb(227,  
174, 132) }
```

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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