

Converting Colors

CIELCh(75, 28.156, 62.765)

Have a look what the booklet for
CIELCh(75, 28.156, 62.765) contains.

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Color

CIELCh(75, 28.171, 63.212)

Conversions

Conversions Part 1

Format	Color
Hex	DFAF8B
RGB	223, 175, 139
RGB Percent	87%, 69%, 55%
CMY	0.1250, 0.3133, 0.4545
CMYK	0.00, 0.22, 0.38, 0.13
HSL	26°, 57%, 71%
HSV	26°, 38%, 87%
XYZ	50.4886, 48.2781, 31.1251
YIQ	185.2480, 40.1640, -1.0200

Conversions

Conversions Part 2

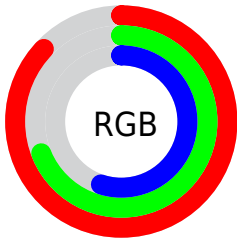
Format	Color
RYB	223, 202, 139
Decimal	14659467
CIELab	75.00, 12.70, 25.15
CIELCh	75, 28.171, 63.212
Yxy	48.2781, 0.3887, 0.3717
Android (android.graphics.Color)	4292849547 (0xFFDFAF8B)
YUV	185.2480, -22.8003, 33.1085
Hunter-Lab	69.4824, 8.1106, 22.0784

Details

The CIELCh color **75, 28.171, 63.212** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74, 24.079, 253.281**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 21.643, 83.390**, and **55, 27.972, 63.747** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.736, 62.181**, and if you desaturate by 10%, it is **79, 20.071, 64.278**.

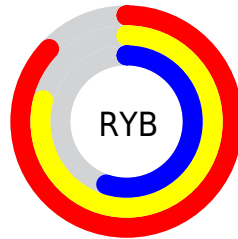
Distribution



Red (87%)

Green (69%)

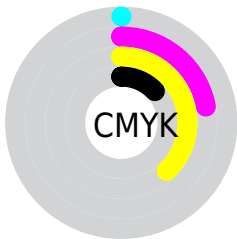
Blue (55%)



Red (87%)

Yellow (79%)

Blue (55%)

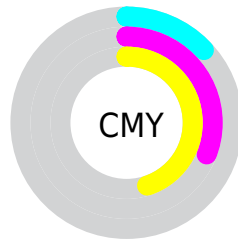


Cyan (0%)

Magenta (22%)

Yellow (38%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 28.171, 63.212 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, 28.171, 63.212 by changing the saturation by 10% instead.

 75, 28.171, 63.212

 75, 28.171, 63.212

 100, 28.171,
63.212

 65, 28.171, 63.212

 95, 28.171, 63.212

 55, 28.171, 63.212

 45, 28.171, 63.212

 35, 28.171, 63.212

 25, 28.171, 63.212

 15, 28.171, 63.212

 5, 28.171, 63.212

 0, 28.171, 63.212

 75, 28.171, 63.212

 75, 28.171, 63.212

72, 36.736, 62.181

79, 20.071, 64.278

68, 45.719, 61.160

82, 12.435, 65.350

65, 54.963, 60.118

86, 5.234, 66.394

62, 64.096, 58.948

90, 1.571, 247.868

59, 72.357, 57.409

94, 8.020, 248.713

57, 78.628, 55.131

97, 9.753, 209.147

56, 79.984, 54.608

98, 10.787,
198.786

Harmonies

Complementary

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



75, 28.171, 63.212



74, 24.079, 253.281

Rectangle

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



75, 28.171, 63.212



75, 28.171, 113.212



75, 28.171, 243.212



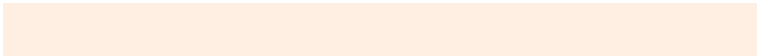
75, 28.171, 293.212

Sweetspot

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



75, 28.171, 63.218



95, 8.469, 66.046



68, 40.571, 342.729



50, 5.714, 65.903



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, 28.171, 63.218



82, 38.396, 62.419



85, 39.794, 102.641



45, 3.922, 66.215



45, 66.666, 55.246



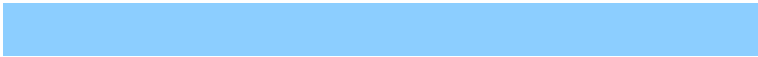
10, 19.824, 52.332

Inverse Universe

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



74, 24.079, 253.281



80, 31.628, 255.107



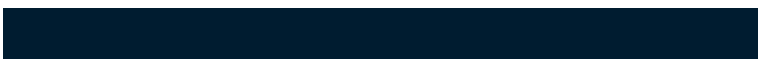
63, 43.086, 291.849



45, 3.795, 248.511



42, 47.134, 275.927



9, 16.856, 266.067

Previews

White Background



This preview shows how the CIELCh color 75, 28.171, 63.212 looks on a white background.

Color Contrast Check

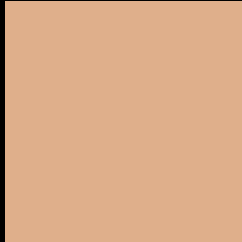
Large Text (above 18pt) WCAG AA × Fail

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, 28.171, 63.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

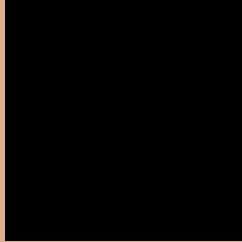
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 28.171, 63.212

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.171, 63.212.

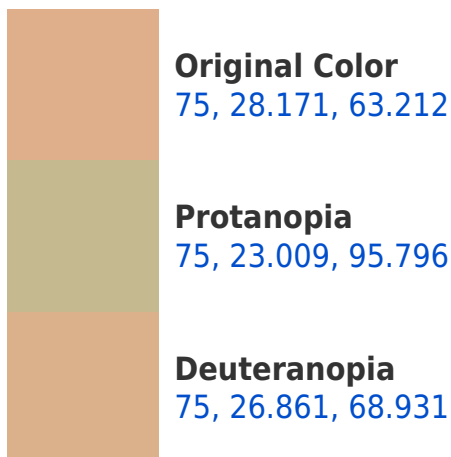


This preview shows how white text looks on a background with the CIELCh color 75, 28.171, 63.212.

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, 23.253, 4.180

Trichromacy



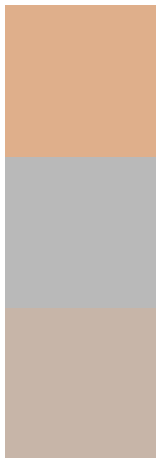
Original Color
75, 28.171, 63.212

Protanomaly
75, 23.407, 82.204

Deuteranomaly
75, 27.330, 66.313

Tritanomaly
75, 22.045, 28.166

Monochromacy



Original Color
75, 28.171, 63.212

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 9.905, 64.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.171, 63.212 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(223, 175, 139)` looks like.

```
.text, #text, p{  
    color:rgb(223, 175, 139)  
}
```

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(223, 175, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 175, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.171, 63.212 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(223, 175, 139) }
```

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

```
.border{ border-color:rgb(223, 175, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 175, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 175, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 175, 139);  
box-shadow:4px 4px 4px 4px rgb(223, 175,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.171, 63.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 175, 139) }
```

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

```
.background{ background-color: rgb(223,  
175, 139) }
```

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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