

Converting Colors

CIELCh(75, 25.907, 69.635)

Have a look what the booklet for
CIELCh(75, 25.907, 69.635) contains.

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Color

CIELCh(75, 25.839, 69.689)

Conversions

Conversions Part 1

Format	Color
Hex	D9B28D
RGB	217, 178, 141
RGB Percent	85%, 70%, 55%
CMY	0.1507, 0.3035, 0.4486
CMYK	0.00, 0.18, 0.35, 0.15
HSL	29°, 50%, 70%
HSV	29°, 35%, 85%
XYZ	49.1072, 48.2781, 31.7783
YIQ	185.4430, 35.1210, -3.2390

Conversions

Conversions Part 2

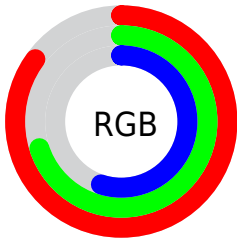
Format	Color
R _Y B	217, 213, 141
Decimal	14267021
CIE Lab	75.00, 8.97, 24.23
CIE LCh	75, 25.839, 69.689
Yxy	48.2781, 0.3802, 0.3738
Android (android.graphics.Color)	4292457101 (0xFFD9B28D)
YUV	185.4430, -21.9104, 27.6755
Hunter-Lab	69.4824, 4.5619, 21.5210

Details

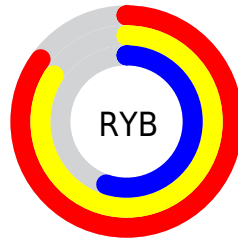
The CIELCh color **75, 25.839, 69.689** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 23.214, 259.731**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 21.586, 86.713**, and **55, 25.624, 68.640** is the 20% darker color. If you saturate the color by 10%, you get **72, 34.033, 68.459**, and if you desaturate by 10%, it is **78, 18.015, 70.925**.

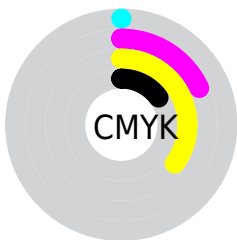
Distribution



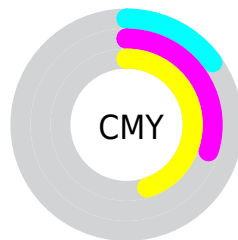
- Red (85%)
- Green (70%)
- Blue (55%)



- Red (85%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (15%)



- Cyan (15%)
- Magenta (30%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 25.839, 69.689 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, 25.839, 69.689 by changing the saturation by 10% instead.

 75, 25.839, 69.689

 75, 25.839, 69.689

 100, 25.839,
69.689

 65, 25.839, 69.689

 95, 25.839, 69.689

 55, 25.839, 69.689

 45, 25.839, 69.689

 35, 25.839, 69.689

 25, 25.839, 69.689

 15, 25.839, 69.689

 5, 25.839, 69.689

 0, 25.839, 69.689

 75, 25.839, 69.689

 75, 25.839, 69.689

72, 34.033, 68.459

78, 18.015, 70.925

69, 42.549, 67.209

81, 10.565, 72.137

66, 51.246, 65.916

85, 3.467, 73.272

63, 59.804, 64.498

88, 3.306, 254.699

61, 67.583, 62.772

92, 9.789, 255.777

58, 73.556, 60.406

95, 10.684,
230.140

57, 75.950, 59.101

97, 12.908,
198.644

Harmonies

Complementary

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



75, 25.839, 69.689



72, 23.214, 259.731

Rectangle

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



75, 25.839, 69.689



75, 25.839, 119.689



75, 25.839, 249.689



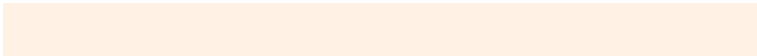
75, 25.839, 299.689

Sweetspot

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



75, 25.839, 69.696



96, 8.716, 72.607



67, 35.450, 346.074



51, 5.877, 72.446



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, 25.839, 69.696



84, 35.971, 68.792



85, 38.556, 106.070



43, 3.888, 72.802



45, 63.412, 59.767



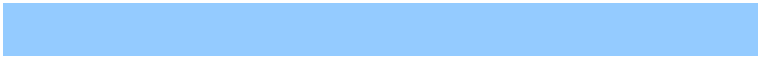
9, 17.041, 57.699

Inverse Universe

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



72, 23.214, 259.731



80, 31.514, 261.436



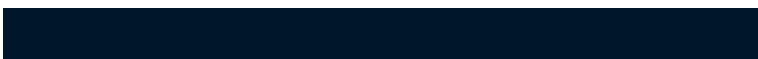
62, 41.987, 294.079



43, 3.796, 255.266



38, 51.819, 282.471



7, 16.872, 271.616

Previews

White Background



This preview shows how the CIELCh color 75, 25.839, 69.689 looks on a white background.

Color Contrast Check

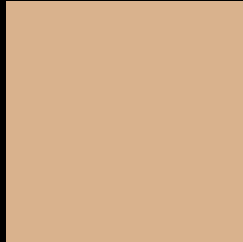
Large Text (above 18pt) WCAG AA × Fail

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, 25.839, 69.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

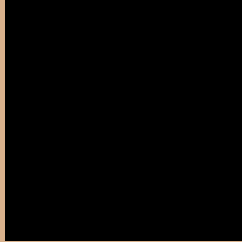
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 25.839, 69.689

Background



This preview shows how black text looks on a background with the CIELCh color 75, 25.839, 69.689.



This preview shows how white text looks on a background with the CIELCh color 75, 25.839, 69.689.

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, 25.839, 69.689

Protanopia

75, 22.489, 95.582

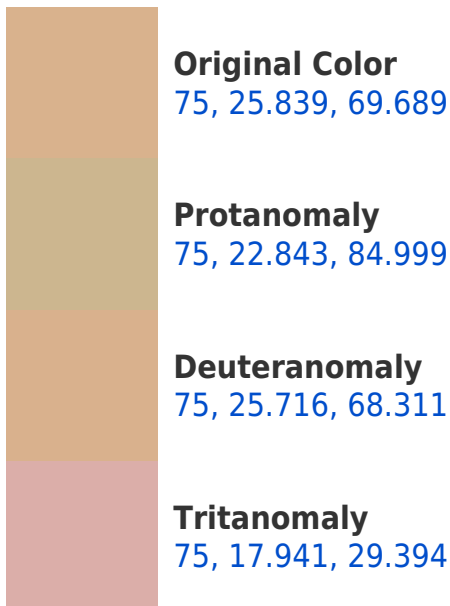
Deuteranopia

75, 25.716, 68.311



Tritanopia
75, 19.876, 0.720

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 25.839, 69.689 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(217, 178, 141)` looks like.

```
.text, #text, p{  
    color:rgb(217, 178, 141)  
}
```

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(217, 178, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 178, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 25.839, 69.689 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(217, 178, 141) }
```

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

```
.border{ border-color:rgb(217, 178, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 178, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 178, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 178, 141); box-shadow:4px 4px 4px 4px rgb(217, 178, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 25.839, 69.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 178, 141) }
```

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

```
.background{ background-color: rgb(217,  
178, 141) }
```

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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