

Converting Colors

CIELCh(75, 26.212, 56.812)

Have a look what the booklet for
CIELCh(75, 26.212, 56.812) contains.

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Color

CIELCh(75, 26.169, 56.783)

Conversions

Conversions Part 1

Format	Color
Hex	E0AE91
RGB	224, 174, 145
RGB Percent	88%, 68%, 57%
CMY	0.1207, 0.3169, 0.4306
CMYK	0.00, 0.22, 0.35, 0.12
HSL	22°, 56%, 72%
HSV	22°, 35%, 88%
XYZ	51.1042, 48.2781, 33.4892
YIQ	185.6440, 39.1090, 1.5810

Conversions

Conversions Part 2

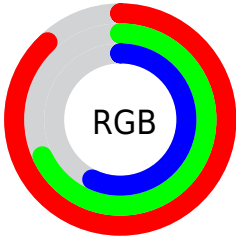
Format	Color
R _Y B	224, 191, 145
Decimal	14724753
CIE Lab	75.00, 14.34, 21.89
CIE LCh	75, 26.169, 56.783
Yxy	48.2781, 0.3846, 0.3633
Android (android.graphics.Color)	4292914833 (0xFFE0AE91)
YUV	185.6440, -20.0375, 33.6382
Hunter-Lab	69.4824, 9.6922, 20.0610

Details

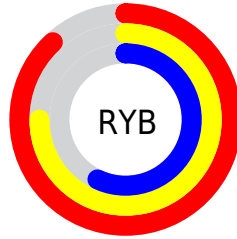
The CIELCh color **75, 26.169, 56.783** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76, 21.779, 244.679**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 18.619, 78.130**, and **55, 26.203, 57.938** is the 20% darker color. If you saturate the color by 10%, you get **71, 34.795, 56.037**, and if you desaturate by 10%, it is **79, 18.096, 57.601**.

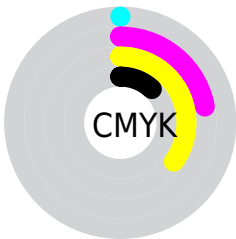
Distribution



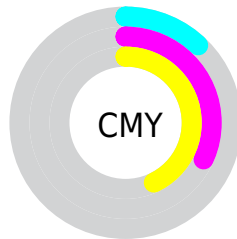
- Red (88%)
- Green (68%)
- Blue (57%)



- Red (88%)
- Yellow (75%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (12%)




- Cyan (12%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 26.169, 56.783 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, 26.169, 56.783 by changing the saturation by 10% instead.

 75, 26.169, 56.783

 75, 26.169, 56.783

 100, 26.169,
56.783

 65, 26.169, 56.783

 95, 26.169, 56.783

 55, 26.169, 56.783

 45, 26.169, 56.783

 35, 26.169, 56.783

 25, 26.169, 56.783

 15, 26.169, 56.783

 5, 26.169, 56.783

 0, 26.169, 56.783

 75, 26.169, 56.783

 75, 26.169, 56.783

71, 34.795, 56.037

79, 18.096, 57.601

68, 43.956, 55.349

83, 10.557, 58.451

64, 53.545, 54.703

87, 3.509, 59.257

61, 63.280, 54.020

91, 3.095, 240.488

58, 72.517, 53.089

95, 8.610, 235.159

55, 80.049, 51.478

98, 10.431,
198.811

54, 83.051, 50.587

Harmonies

Complementary

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



75, 26.169, 56.783



76, 21.779, 244.679

Rectangle

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



75, 26.169, 56.783



75, 26.169, 106.783



75, 26.169, 236.783



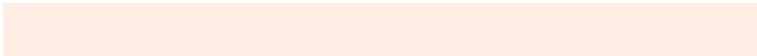
75, 26.169, 286.783

Sweetspot

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



75, 26.168, 56.790



95, 8.337, 58.805



70, 39.418, 339.968



50, 5.628, 58.689



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, 26.168, 56.790



81, 35.487, 56.252



85, 35.744, 100.236



45, 3.858, 58.940



43, 68.905, 51.195



10, 20.267, 45.976

Inverse Universe

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



76, 21.779, 244.679



83, 28.287, 246.133



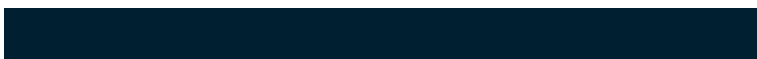
66, 38.014, 289.117



45, 3.699, 240.921



45, 41.686, 267.352



10, 15.383, 257.288

Previews

White Background



This preview shows how the CIELCh color 75, 26.169, 56.783 looks on a white background.

Color Contrast Check

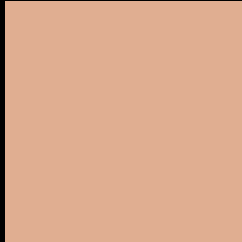
Large Text (above 18pt) WCAG AA × Fail

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, 26.169, 56.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

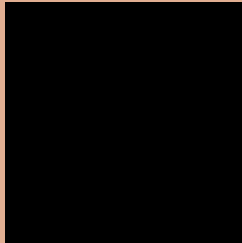
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 26.169, 56.783

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.169, 56.783.

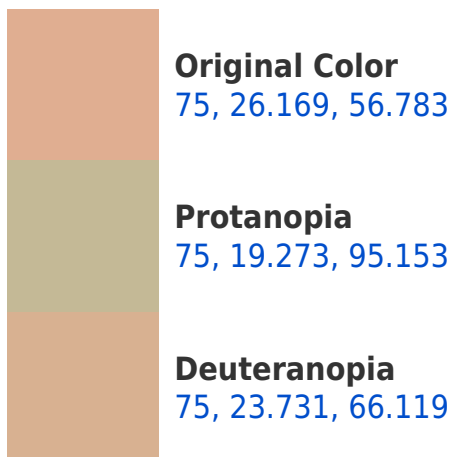


This preview shows how white text looks on a background with the CIELCh color 75, 26.169, 56.783.

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, 23.626, 4.508

Trichromacy



Original Color
75, 26.169, 56.783

Protanomaly
75, 20.512, 78.842

Deuteranomaly
75, 24.566, 62.576

Tritanomaly
75, 22.148, 24.049

Monochromacy



Original Color
75, 26.169, 56.783

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.139, 59.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.169, 56.783 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(224, 174, 145)` looks like.

```
.text, #text, p{  
    color:rgb(224, 174, 145)  
}
```

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(224, 174, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 174, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.169, 56.783 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(224, 174, 145) }
```

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

```
.border{ border-color:rgb(224, 174, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 174, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 174, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 174, 145);  
box-shadow:4px 4px 4px 4px rgb(224, 174,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.169, 56.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 174, 145) }
```

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

```
.background{ background-color: rgb(224,  
174, 145) }
```

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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