

Converting Colors

CIELCh(75, 26.476, 44.435)

Have a look what the booklet for
CIELCh(75, 26.476, 44.435) contains.

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Color

CIELCh(75, 26.426, 43.660)

Conversions

Conversions Part 1

Format	Color
Hex	E6AB98
RGB	230, 171, 152
RGB Percent	90%, 67%, 60%
CMY	0.0976, 0.3290, 0.4035
CMYK	0.00, 0.26, 0.34, 0.10
HSL	15°, 61%, 75%
HSV	15°, 34%, 90%
XYZ	52.9288, 48.2781, 36.2789
YIQ	186.4750, 41.2630, 6.5990

Conversions

Conversions Part 2

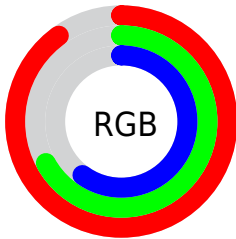
Format	Color
R _Y B	230, 177, 152
Decimal	15117208
CIE Lab	75.00, 19.12, 18.24
CIE LCh	75, 26.426, 43.660
Yxy	48.2781, 0.3850, 0.3511
Android (android.graphics.Color)	4293307288 (0xFFE6AB98)
YUV	186.4750, -16.9962, 38.1714
Hunter-Lab	69.4824, 14.3795, 17.6806

Details

The CIELCh color **75, 26.426, 43.660** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 20.998, 227.199**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 15.161, 65.162**, and **55, 26.390, 44.273** is the 20% darker color. If you saturate the color by 10%, you get **70, 35.653, 43.665**, and if you desaturate by 10%, it is **80, 17.877, 43.813**.

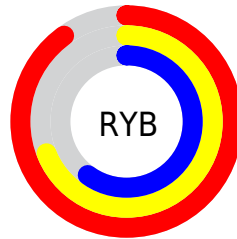
Distribution



Red (90%)

Green (67%)

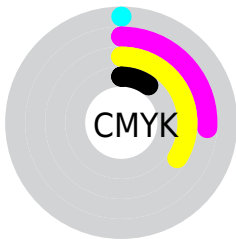
Blue (60%)



Red (90%)

Yellow (69%)

Blue (60%)

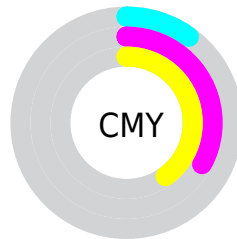


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (10%)



Cyan (10%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 26.426, 43.660 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, 26.426, 43.660 by changing the saturation by 10% instead.

75, 26.426, 43.660

75, 26.426, 43.660

100, 26.426,
43.660

65, 26.426, 43.660

95, 26.426, 43.660

55, 26.426, 43.660

45, 26.426, 43.660

35, 26.426, 43.660

25, 26.426, 43.660

15, 26.426, 43.660

5, 26.426, 43.660

0, 26.426, 43.660

75, 26.426, 43.660

75, 26.426, 43.660

70, 35.653, 43.665

80, 17.877, 43.813

66, 45.549, 43.837

84, 9.981, 44.063

62, 56.016, 44.190

89, 2.690, 44.270

59, 66.799, 44.674

94, 4.056, 225.068

55, 77.298, 45.096

98, 8.483, 198.947

53, 86.212, 44.967

51, 90.488, 44.608

Harmonies

Complementary

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



75, 26.426, 43.660



81, 20.998, 227.199

Rectangle

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



75, 26.426, 43.660



75, 26.426, 93.660



75, 26.426, 223.660



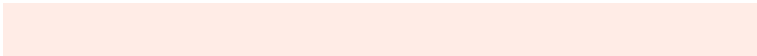
75, 26.426, 273.660

Sweetspot

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



75, 26.425, 43.666



95, 7.684, 44.171



72, 42.392, 334.016



50, 5.272, 44.132



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, 26.425, 43.666



79, 35.797, 43.649



84, 31.056, 91.864



46, 3.997, 44.187



40, 74.386, 45.075



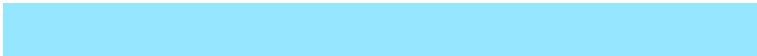
9, 23.024, 36.226

Inverse Universe

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



81, 20.998, 227.199



87, 26.811, 228.136



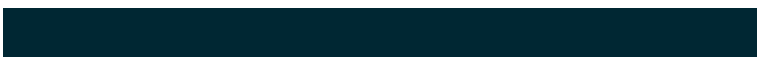
71, 31.664, 281.322



47, 3.778, 225.210



52, 34.748, 244.798



14, 14.150, 236.786

Previews

White Background



This preview shows how the CIELCh color 75, 26.426, 43.660 looks on a white background.

Color Contrast Check

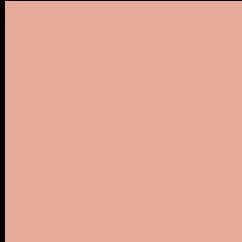
Large Text (above 18pt) WCAG AA × Fail

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, 26.426, 43.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

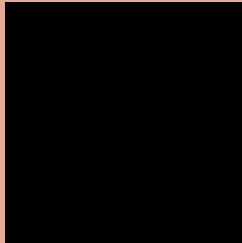
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 26.426, 43.660

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.426, 43.660.



This preview shows how white text looks on a background with the CIELCh color 75, 26.426, 43.660.

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, 26.426, 43.660

Protanopia

75, 13.992, 92.536

Deuteranopia

75, 21.065, 63.318



Tritanopia
75, 26.312, 6.604

Trichromacy



Original Color
75, 26.426, 43.660

Protanomaly
75, 16.787, 67.091

Deuteranomaly
75, 22.641, 54.962

Tritanomaly
75, 25.235, 19.243

Monochromacy



Original Color
75, 26.426, 43.660

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.284, 43.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.426, 43.660 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(230, 171, 152)` looks like.

```
.text, #text, p{  
    color:rgb(230, 171, 152)  
}
```

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(230, 171, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 171, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.426, 43.660 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(230, 171, 152) }
```

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

```
.border{ border-color:rgb(230, 171, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 171, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 171, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 171, 152);  
box-shadow:4px 4px 4px 4px rgb(230, 171,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.426, 43.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 171, 152) }
```

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

```
.background{ background-color: rgb(230,  
171, 152) }
```

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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