

Converting Colors

CIELCh(75, 26.192, 46.053)

Have a look what the booklet for
CIELCh(75, 26.192, 46.053) contains.

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Color

CIELCh(75, 26.173, 46.321)

Conversions

Conversions Part 1

Format	Color
Hex	E5AC97
RGB	229, 172, 151
RGB Percent	90%, 67%, 59%
CMY	0.1028, 0.3263, 0.4086
CMYK	0.00, 0.25, 0.34, 0.10
HSL	16°, 60%, 74%
HSV	16°, 34%, 90%
XYZ	52.5275, 48.2781, 35.7439
YIQ	186.6490, 40.7130, 5.5530

Conversions

Conversions Part 2

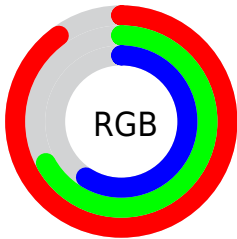
Format	Color
R _Y B	229, 180, 151
Decimal	15051927
CIE Lab	75.00, 18.08, 18.93
CIE LCh	75, 26.173, 46.321
Yxy	48.2781, 0.3847, 0.3536
Android (android.graphics.Color)	4293242007 (0xFFE5AC97)
YUV	186.6490, -17.5750, 37.1418
Hunter-Lab	69.4824, 13.3485, 18.1371

Details

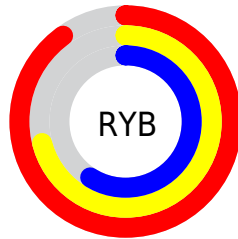
The CIELCh color **75, 26.173, 46.321** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 20.944, 230.820**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 15.671, 68.633**, and **55, 26.131, 47.048** is the 20% darker color. If you saturate the color by 10%, you get **71, 35.245, 46.157**, and if you desaturate by 10%, it is **80, 17.760, 46.624**.

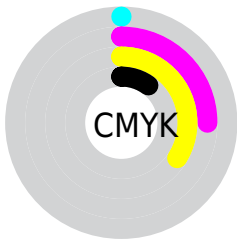
Distribution



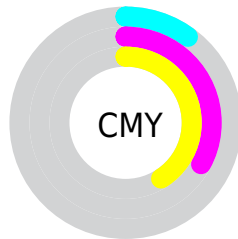
- Red (90%)
- Green (67%)
- Blue (59%)



- Red (90%)
- Yellow (71%)
- Blue (59%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 26.173, 46.321 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, 26.173, 46.321 by changing the saturation by 10% instead.


 75, 26.173, 46.321

 75, 26.173, 46.321

 100, 26.173,
46.321

 65, 26.173, 46.321

 95, 26.173, 46.321

 55, 26.173, 46.321

 45, 26.173, 46.321

 35, 26.173, 46.321

 25, 26.173, 46.321

 15, 26.173, 46.321

 5, 26.173, 46.321

 0, 26.173, 46.321

 75, 26.173, 46.321

 75, 26.173, 46.321

71, 35.245, 46.157

80, 17.760, 46.624

66, 44.967, 46.136

84, 9.979, 47.009

63, 55.249, 46.264

89, 2.782, 47.349

59, 65.835, 46.485

94, 3.891, 228.250

56, 76.126, 46.604

98, 8.925, 198.916

53, 84.845, 46.145

52, 88.958, 45.619

Harmonies

Complementary

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



75, 26.173, 46.321



80, 20.944, 230.820

Rectangle

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



75, 26.173, 46.321



75, 26.173, 96.321



75, 26.173, 226.321



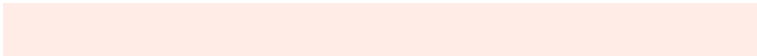
75, 26.173, 276.321

Sweetspot

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



75, 26.172, 46.327



95, 7.615, 47.174



72, 41.462, 335.380



50, 5.225, 47.116



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, 26.172, 46.327



79, 35.388, 46.191



85, 32.028, 94.186



46, 3.962, 47.197



41, 73.446, 46.115



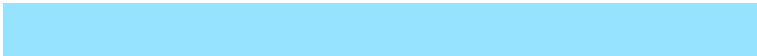
9, 22.675, 38.163

Inverse Universe

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



80, 20.944, 230.820



86, 26.786, 231.868



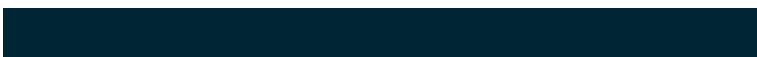
70, 33.037, 283.467



47, 3.753, 228.445



51, 35.805, 250.043



13, 14.367, 241.456

Previews

White Background



This preview shows how the CIELCh color 75, 26.173, 46.321 looks on a white background.

Color Contrast Check

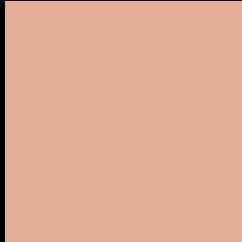
Large Text (above 18pt) WCAG AA × Fail

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, 26.173, 46.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

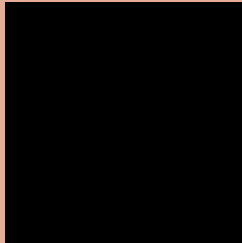
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 26.173, 46.321

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.173, 46.321.



This preview shows how white text looks on a background with the CIELCh color 75, 26.173, 46.321.

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, 26.173, 46.321

Protanopia

75, 15.139, 92.076

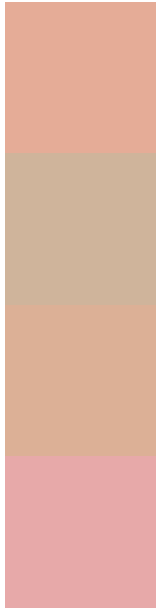
Deuteranopia

75, 21.466, 64.246



Tritanopia
75, 25.442, 7.213

Trichromacy



Original Color
75, 26.173, 46.321

Protanomaly
75, 17.347, 70.267

Deuteranomaly
75, 22.981, 57.540

Tritanomaly
75, 24.496, 21.554

Monochromacy



Original Color
75, 26.173, 46.321

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.182, 47.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.173, 46.321 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(229, 172, 151)` looks like.

```
.text, #text, p{  
    color:rgb(229, 172, 151)  
}
```

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(229, 172, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 172, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.173, 46.321 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(229, 172, 151) }
```

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

```
.border{ border-color:rgb(229, 172, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 172, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 172, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 172, 151);  
box-shadow:4px 4px 4px 4px rgb(229, 172,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.173, 46.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 172, 151) }
```

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

```
.background{ background-color: rgb(229,  
172, 151) }
```

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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