

Converting Colors

CIELCh(76, 27.203, 26.201)

Have a look what the booklet for
CIELCh(76, 27.203, 26.201) contains.

CIELCh(76, 27.249, 26.183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 27.249, 26.183)

Conversions

Conversions Part 1

Format	Color
Hex	E6AAA6
RGB	238, 170, 166
RGB Percent	93%, 67%, 65%
CMY	0.0652, 0.3320, 0.3477
CMYK	0.00, 0.29, 0.30, 0.07
HSL	3°, 68%, 79%
HSV	3°, 30%, 93%
XYZ	56.7400, 49.8872, 42.8794
YIQ	189.8760, 41.8120, 13.1720

Conversions

Conversions Part 2

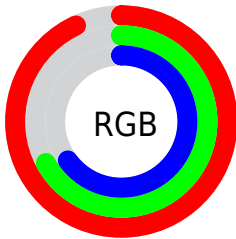
Format	Color
R _Y B	238, 170, 166
Decimal	15641254
CIE Lab	76.00, 24.45, 12.02
CIE LCh	76, 27.249, 26.183
Yxy	49.8872, 0.3795, 0.3337
Android (android.graphics.Color)	4293831334 (0xFFEEAAA6)
YUV	189.8760, -11.7709, 42.2047
Hunter-Lab	70.6309, 19.7905, 13.4472

Details

The CIELCh color **76, 27.249, 26.183** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89, 21.990, 203.497**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.985, 33.578**, and **56, 27.590, 26.016** is the 20% darker color. If you saturate the color by 10%, you get **70, 37.687, 27.312**, and if you desaturate by 10%, it is **82, 17.509, 25.346**.

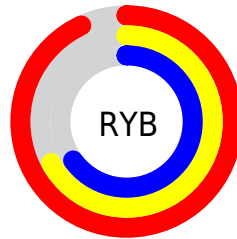
Distribution



Red (93%)

Green (67%)

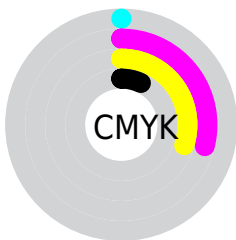
Blue (65%)



Red (93%)

Yellow (67%)

Blue (65%)

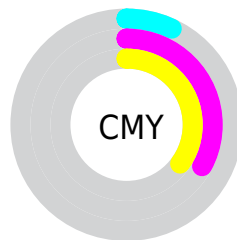


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 27.249, 26.183 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 76, 27.249, 26.183 by changing the saturation by 10% instead.

76, 27.249, 26.183

76, 27.249, 26.183

100, 27.249,
26.183

66, 27.249, 26.183

96, 27.249, 26.183

56, 27.249, 26.183

46, 27.249, 26.183

36, 27.249, 26.183

26, 27.249, 26.183

16, 27.249, 26.183

6, 27.249, 26.183

0, 27.249, 26.183

76, 27.249, 26.183

76, 27.249, 26.183

70, 37.687, 27.312

82, 17.509, 25.346

65, 48.737, 28.802

88, 8.494, 24.697

61, 60.207, 30.743

94, 0.175, 20.698

57, 71.776, 33.175

99, 5.713, 199.159

53, 82.904, 35.983

51, 92.478, 38.662

50, 98.673, 40.436

Harmonies

Complementary

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



76, 27.249, 26.183



89, 21.990, 203.497

Rectangle

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



76, 27.249, 26.183



76, 27.249, 76.183



76, 27.249, 206.183



76, 27.249, 256.183

Sweetspot

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



76, 27.247, 26.188



94, 7.863, 24.626



77, 44.165, 327.508



49, 5.497, 24.713



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 27.247, 26.188



77, 35.084, 26.813



85, 24.587, 76.693



47, 4.730, 24.653



38, 80.933, 40.590



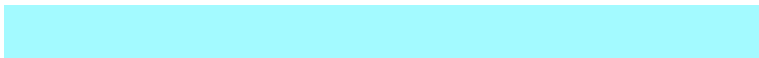
8, 28.640, 26.846

Inverse Universe

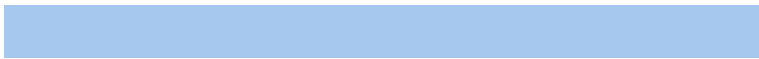
The Inverse Universe completely reimagines the original color for something new.



89, 21.990, 203.497



93, 26.981, 203.419



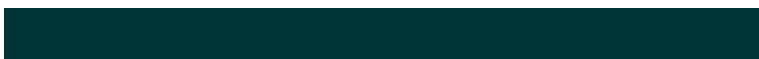
79, 23.193, 265.505



49, 4.448, 204.064



65, 36.397, 205.698



19, 16.034, 204.312

Previews

White Background



This preview shows how the CIELCh color 76, 27.249, 26.183 looks on a white background.

Color Contrast Check

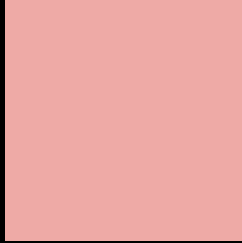
Large Text (above 18pt) WCAG AA × Fail

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 76, 27.249, 26.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

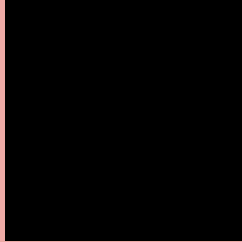
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 27.249, 26.183

Background



This preview shows how black text looks on a background with the CIELCh color 76, 27.249, 26.183.

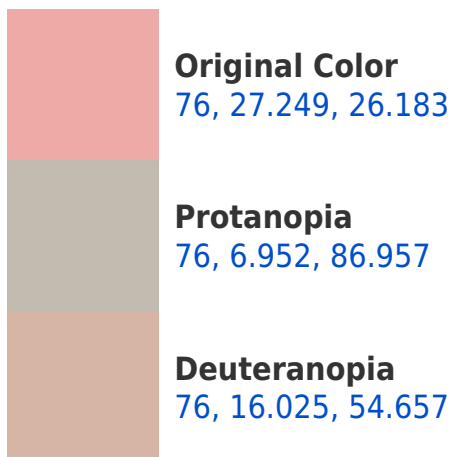


This preview shows how white text looks on a background with the CIELCh color 76, 27.249, 26.183.

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](#).

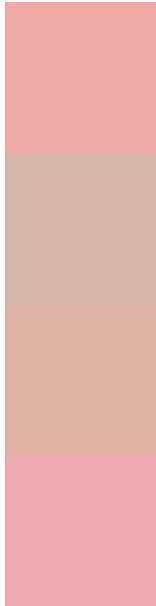
Dichromacy





Tritanopia
76, 28.563, 8.094

Trichromacy



Original Color
76, 27.249, 26.183

Protanomaly
76, 12.302, 43.192

Deuteranomaly
76, 19.487, 39.893

Tritanomaly
76, 27.527, 14.166

Monochromacy



Original Color
76, 27.249, 26.183

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 9.603, 26.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 27.249, 26.183 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(238, 170, 166)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 166)  
}
```

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(238, 170, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 27.249, 26.183 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(238, 170, 166) }
```

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

```
.border{ border-color:rgb(238, 170, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 170, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 170, 166); box-shadow:4px 4px 4px 4px rgb(238, 170, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 27.249, 26.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 166) }
```

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

```
.background{ background-color: rgb(238,  
170, 166) }
```

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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