

Converting Colors

CIELCh(78, 29.257, 27.003)

Have a look what the booklet for
CIELCh(78, 29.257, 27.003) contains.

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Color

CIELCh(78, 29.663, 26.965)

Conversions

Conversions Part 1

Format	Color
Hex	F8AEA9
RGB	248, 174, 169
RGB Percent	97%, 68%, 66%
CMY	0.0266, 0.3169, 0.3365
CMYK	0.00, 0.30, 0.32, 0.03
HSL	4°, 85%, 82%
HSV	4°, 32%, 97%
XYZ	61.1371, 53.2120, 44.6774
YIQ	195.5560, 45.7090, 14.1330

Conversions

Conversions Part 2

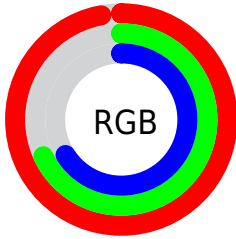
Format	Color
R _Y B	248, 174, 169
Decimal	16297641
CIE Lab	78.00, 26.44, 13.45
CIE LCh	78, 29.663, 26.965
Yxy	53.2120, 0.3844, 0.3346
Android (android.graphics.Color)	4294487721 (0xFFF8AEA9)
YUV	195.5560, -13.0921, 45.9934
Hunter-Lab	72.9466, 21.9457, 14.7494

Details

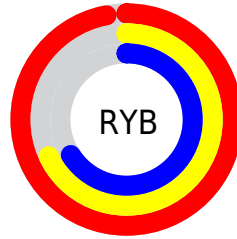
The CIELCh color **78, 29.663, 26.965** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 23.600, 204.305**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 9.663, 38.488**, and **58, 29.705, 26.954** is the 20% darker color. If you saturate the color by 10%, you get **72, 40.508, 28.106**, and if you desaturate by 10%, it is **84, 19.537, 26.123**.

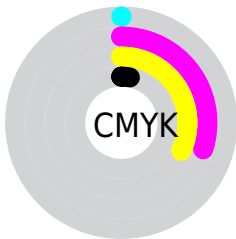
Distribution



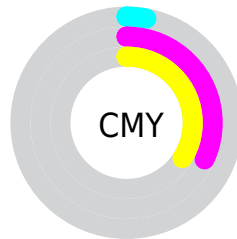
- Red (97%)
- Green (68%)
- Blue (66%)



- Red (97%)
- Yellow (68%)
- Blue (66%)



- Cyan (0%)
- Magenta (30%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 29.663, 26.965 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 78, 29.663, 26.965 by changing the saturation by 10% instead.

 78, 29.663, 26.965

 78, 29.663, 26.965

 100, 29.663,
26.965

 68, 29.663, 26.965

 98, 29.663, 26.965

 58, 29.663, 26.965

 48, 29.663, 26.965

 38, 29.663, 26.965

 28, 29.663, 26.965

 18, 29.663, 26.965

 8, 29.663, 26.965

 0, 29.663, 26.965

 78, 29.663, 26.965

 78, 29.663, 26.965

72, 40.508, 28.106

84, 19.537, 26.123

67, 51.974, 29.616

90, 10.162, 25.482

62, 63.851, 31.577

96, 1.513, 24.673

58, 75.784, 34.009

100, 2.354,
199.537

55, 87.149, 36.752

53, 96.609, 39.202

52, 101.649,
40.489

Harmonies

Complementary

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



78, 29.663, 26.965



91, 23.600, 204.305

Rectangle

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



78, 29.663, 26.965



78, 29.663, 76.965



78, 29.663, 206.965



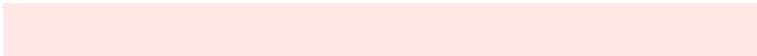
78, 29.663, 256.965

Sweetspot

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



78, 29.661, 26.970



94, 8.710, 25.378



79, 48.034, 327.602



49, 5.977, 25.458



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 29.661, 26.970



76, 37.077, 27.637



87, 26.853, 76.467



49, 4.861, 25.349



40, 82.514, 40.656



10, 30.913, 29.370

Inverse Universe

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



91, 23.600, 204.305



93, 28.011, 204.264



81, 25.240, 265.855



51, 4.569, 204.813



66, 36.822, 207.132



21, 16.810, 205.668

Previews

White Background



This preview shows how the CIELCh color 78, 29.663, 26.965 looks on a white background.

Color Contrast Check

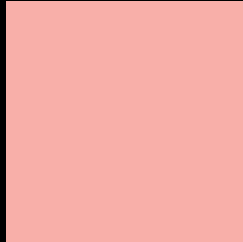
Large Text (above 18pt) WCAG AA × Fail

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 78, 29.663, 26.965 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 78, 29.663, 26.965

Background



This preview shows how black text looks on a background with the CIELCh color 78, 29.663, 26.965.



This preview shows how white text looks on a background with the CIELCh color 78, 29.663, 26.965.

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


78, 29.663, 26.965

Protanopia

78, 7.909, 89.797

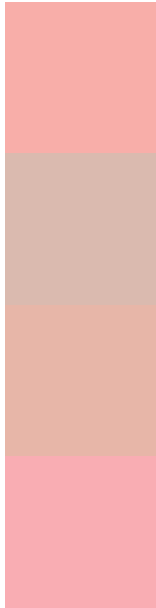
Deuteranopia

78, 17.262, 55.928



Tritanopia
78, 30.729, 9.339

Trichromacy



Original Color
78, 29.663, 26.965

Protanomaly
78, 13.807, 45.266

Deuteranomaly
78, 20.967, 41.486

Tritanomaly
78, 29.775, 15.972

Monochromacy



Original Color
78, 29.663, 26.965

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 10.320, 26.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 29.663, 26.965 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(248, 174, 169)` looks like.

```
.text, #text, p{  
    color:rgb(248, 174, 169)  
}
```

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(248, 174, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 174, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 29.663, 26.965 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(248, 174, 169) }
```

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

```
.border{ border-color:rgb(248, 174, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 174, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 174, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 174, 169);  
box-shadow:4px 4px 4px 4px rgb(248, 174,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 29.663, 26.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 174, 169) }
```

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

```
.background{ background-color: rgb(248,  
174, 169) }
```

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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