

Converting Colors

CIELCh(76, 29.142, 32.916)

Have a look what the booklet for
CIELCh(76, 29.142, 32.916) contains.

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Color

CIELCh(76, 29.082, 33.265)

Conversions

Conversions Part 1

Format	Color
Hex	F0AA9F
RGB	240, 170, 159
RGB Percent	94%, 67%, 62%
CMY	0.0580, 0.3326, 0.3758
CMYK	0.00, 0.29, 0.34, 0.06
HSL	8°, 73%, 78%
HSV	8°, 34%, 94%
XYZ	56.6849, 49.8872, 39.5237
YIQ	189.6760, 45.2510, 11.4190

Conversions

Conversions Part 2

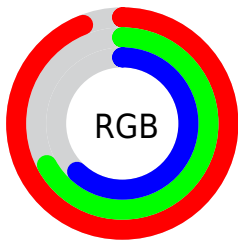
Format	Color
RYB	240, 172, 159
Decimal	15772319
CIELab	76.00, 24.32, 15.95
CIELCh	76, 29.082, 33.265
Yxy	49.8872, 0.3880, 0.3415
Android (android.graphics.Color)	4293962399 (0xFFFF0AA9F)
YUV	189.6760, -15.1233, 44.1341
Hunter-Lab	70.6309, 19.6513, 16.2641

Details

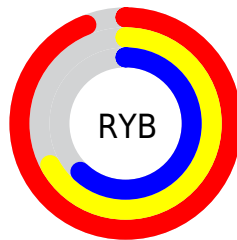
The CIELCh color **76, 29.082, 33.265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87, 22.738, 212.816**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 12.463, 49.630**, and **56, 29.008, 32.488** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.270, 34.000**, and if you desaturate by 10%, it is **81, 19.618, 32.776**.

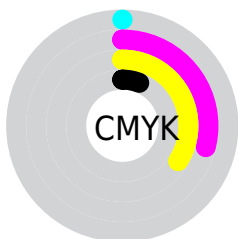
Distribution



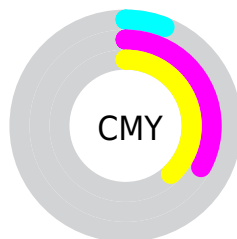
- Red (94%)
- Green (67%)
- Blue (62%)



- Red (94%)
- Yellow (67%)
- Blue (62%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (6%)



- Cyan (6%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 29.082, 33.265 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, 29.082, 33.265 by changing the saturation by 10% instead.

76, 29.082, 33.265

76, 29.082, 33.265

100, 29.082,
33.265

66, 29.082, 33.265

96, 29.082, 33.265

56, 29.082, 33.265

46, 29.082, 33.265

36, 29.082, 33.265

26, 29.082, 33.265

16, 29.082, 33.265

6, 29.082, 33.265

0, 29.082, 33.265

76, 29.082, 33.265

76, 29.082, 33.265

71, 39.270, 34.000

81, 19.618, 32.776

66, 50.129, 35.023

87, 10.883, 32.454

62, 61.505, 36.379

93, 2.835, 32.134

58, 73.081, 38.048

98, 4.556, 210.820

55, 84.191, 39.830

99, 5.095, 199.212

52, 93.371, 41.125

51, 97.524, 41.558

Harmonies

Complementary

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



76, 29.082, 33.265



87, 22.738, 212.816

Rectangle

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



76, 29.082, 33.265



76, 29.082, 83.265



76, 29.082, 213.265



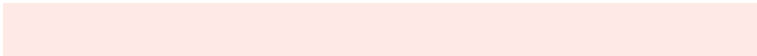
76, 29.082, 263.265

Sweetspot

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



76, 29.080, 33.271



94, 8.192, 32.360



76, 46.771, 330.350



49, 5.622, 32.395



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, 29.080, 33.271



77, 37.163, 33.706



86, 29.425, 83.915



47, 4.417, 32.345



39, 79.377, 41.853



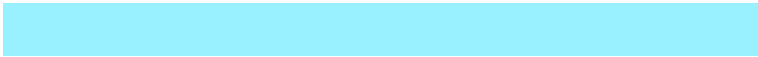
9, 27.173, 31.365

Inverse Universe

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



87, 22.738, 212.816



90, 27.499, 213.105



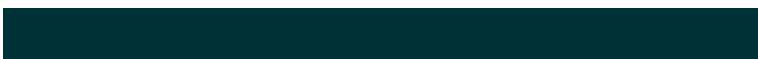
76, 28.778, 273.885



49, 4.153, 212.403



60, 34.182, 221.620



18, 15.053, 217.656

Previews

White Background



This preview shows how the CIELCh color 76, 29.082, 33.265 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, 29.082, 33.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

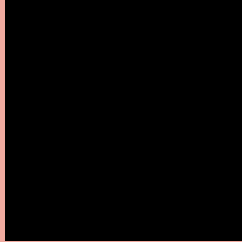
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 29.082, 33.265

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.082, 33.265.



This preview shows how white text looks on a background with the CIELCh color 76, 29.082, 33.265.

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


76, 29.082, 33.265

Protanopia

76, 10.754, 90.278

Deuteranopia

76, 19.509, 61.098



Tritanopia
76, 29.740, 8.792

Trichromacy



Original Color
76, 29.082, 33.265

Protanomaly
76, 15.023, 54.793

Deuteranomaly
76, 22.055, 47.986

Tritanomaly
76, 28.789, 17.790

Monochromacy



Original Color
76, 29.082, 33.265

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 9.821, 32.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.082, 33.265 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(240, 170, 159)` looks like.

```
.text, #text, p{  
    color:rgb(240, 170, 159)  
}
```

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(240, 170, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 170, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.082, 33.265 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(240, 170, 159) }
```

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

```
.border{ border-color:rgb(240, 170, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 170, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 170, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 170, 159);  
box-shadow:4px 4px 4px 4px rgb(240, 170,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.082, 33.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 170, 159) }
```

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

```
.background{ background-color: rgb(240,  
170, 159) }
```

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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