

Converting Colors

CIELCh(77, 37.121, 2.635)

Have a look what the booklet for
CIELCh(77, 37.121, 2.635) contains.

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Color

CIELCh(77, 36.728, 2.795)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4BC
RGB	255, 164, 188
RGB Percent	100%, 64%, 74%
CMY	0.0000, 0.3563, 0.2622
CMYK	0.00, 0.36, 0.26, 0.00
HSL	344°, 100%, 82%
HSV	344°, 36%, 100%
XYZ	63.6943, 51.5317, 54.2501
YIQ	193.9450, 46.5320, 26.7560

Conversions

Conversions Part 2

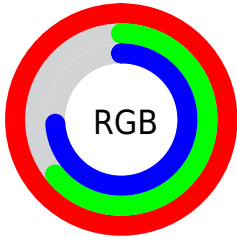
Format	Color
R _Y B	255, 164, 188
Decimal	16753852
CIE Lab	77.00, 36.68, 1.79
CIE LCh	77, 36.728, 2.795
Yxy	51.5317, 0.3758, 0.3041
Android (android.graphics.Color)	4294943932 (0xFFFFA4BC)
YUV	193.9450, -2.9309, 53.5452
Hunter-Lab	71.7856, 32.7556, 5.4431

Details

The CIELCh color $77, 36.728, 2.795$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $94, 32.430, 174.897$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 17.596, 335.818$, and $57, 36.464, 2.647$ is the 20% darker color. If you saturate the color by 10%, you get $71, 47.384, 4.554$, and if you desaturate by 10%, it is $83, 25.966, 1.280$.

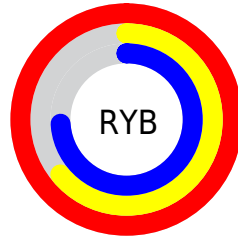
Distribution



Red (100%)

Green (64%)

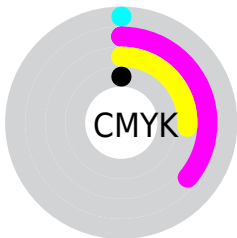
Blue (74%)



Red (100%)

Yellow (64%)

Blue (74%)

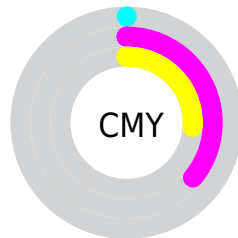


Cyan (0%)

Magenta (36%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 36.728, 2.795 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 77, 36.728, 2.795 by changing the saturation by 10% instead.

 77, 36.728, 2.795  77, 36.728, 2.795

 100, 36.728, 2.795  67, 36.728, 2.795

 97, 36.728, 2.795  57, 36.728, 2.795

 47, 36.728, 2.795

 37, 36.728, 2.795

 27, 36.728, 2.795

 17, 36.728, 2.795

 7, 36.728, 2.795

 0, 36.728, 2.795

 77, 36.728, 2.795

 77, 36.728, 2.795

71, 47.384, 4.554

83, 25.966, 1.280

66, 57.758, 6.790

90, 15.519, 0.035

62, 67.334, 9.616

96, 5.464, 358.916

58, 75.658, 13.205

100, 0.012,
296.813

55, 82.469, 17.696

54, 87.894, 23.063

54, 90.096, 25.511

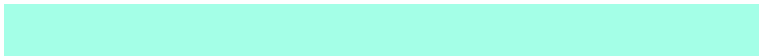
Harmonies

Complementary

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



77, 36.728, 2.795



94, 32.430, 174.897

Rectangle

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



77, 36.728, 2.795



77, 36.728, 52.795



77, 36.728, 182.795



77, 36.728, 232.795

Sweetspot

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



77, 36.667, 2.757



93, 10.814, 359.514



77, 53.400, 318.322



48, 7.288, 359.664



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 36.667, 2.757



73, 44.586, 4.045



81, 30.575, 42.613



50, 5.571, 359.349



40, 72.032, 24.426



10, 31.626, 15.126

Inverse Universe

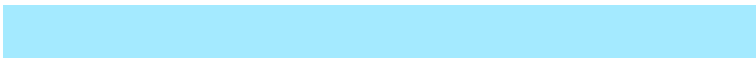
The Inverse Universe completely reimagines the original color for something new.



77, 36.667, 2.757



73, 44.586, 4.045



89, 23.856, 225.977



50, 5.571, 359.349



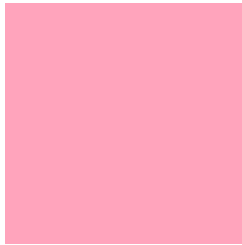
40, 72.032, 24.426



10, 31.626, 15.126

Previews

White Background



This preview shows how the CIELCh color 77, 36.728, 2.795 looks on a white background.

Color Contrast Check

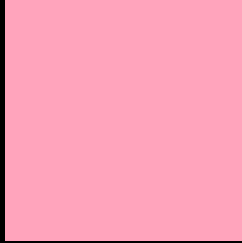
Large Text (above 18pt) WCAG AA × Fail

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 77, 36.728, 2.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

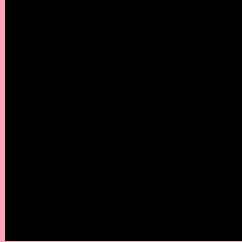
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 36.728, 2.795

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.728, 2.795.



This preview shows how white text looks on a background with the CIELCh color 77, 36.728, 2.795.

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

77, 36.728, 2.795

Protanopia

77, 7.539, 293.602

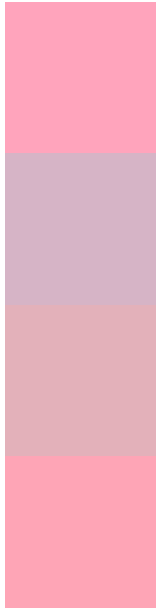
Deuteranopia

77, 10.262, 17.229



Tritanopia
77, 34.754, 12.196

Trichromacy



Original Color
77, 36.728, 2.795

Protanomaly
77, 15.885, 343.405

Deuteranomaly
77, 19.658, 7.039

Tritanomaly
77, 35.364, 8.102

Monochromacy



Original Color
77, 36.728, 2.795

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 13.296, 359.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.728, 2.795 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(255, 164, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 188)  
}
```

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(255, 164, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.728, 2.795 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(255, 164, 188) }
```

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

```
.border{ border-color:rgb(255, 164, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.728, 2.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 188) }
```

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

```
.background{ background-color: rgb(255,  
164, 188) }
```

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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