

Converting Colors

CIELCh(76, 32.942, 2.285)

Have a look what the booklet for
CIELCh(76, 32.942, 2.285) contains.

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Color

CIELCh(76, 32.747, 2.676)

Conversions

Conversions Part 1

Format	Color
Hex	F6A5BA
RGB	246, 165, 186
RGB Percent	96%, 65%, 73%
CMY	0.0364, 0.3540, 0.2716
CMYK	0.00, 0.33, 0.24, 0.04
HSL	344°, 81%, 80%
HSV	344°, 33%, 96%
XYZ	60.1449, 49.8872, 52.7631
YIQ	191.6130, 41.5350, 23.7030

Conversions

Conversions Part 2

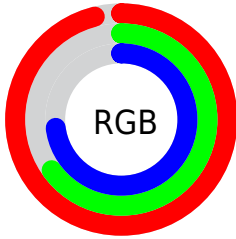
Format	Color
R _Y B	246, 165, 186
Decimal	16164282
CIE Lab	76.00, 32.71, 1.53
CIE LCh	76, 32.747, 2.676
Yxy	49.8872, 0.3695, 0.3064
Android (android.graphics.Color)	4294354362 (0xFF6A5BA)
YUV	191.6130, -2.7672, 47.6974
Hunter-Lab	70.6309, 28.3955, 5.1504

Details

The CIELCh color $76, 32.747, 2.676$ is a light color, and the websafe version is hex `FF9999`. A complement of this color would be $91, 29.195, 175.569$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 16.289, 338.807$, and $56, 32.734, 2.549$ is the 20% darker color. If you saturate the color by 10%, you get $70, 43.171, 4.380$, and if you desaturate by 10%, it is $82, 22.416, 1.273$.

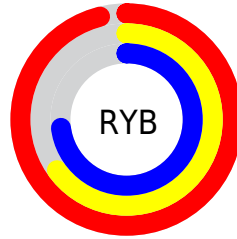
Distribution



Red (96%)

Green (65%)

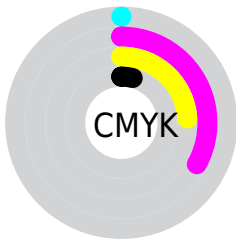
Blue (73%)



Red (96%)

Yellow (65%)

Blue (73%)

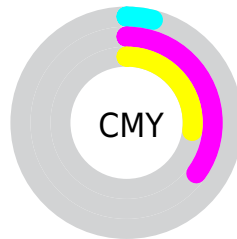


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (4%)



Cyan (4%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 32.747, 2.676 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, 32.747, 2.676 by changing the saturation by 10% instead.

 76, 32.747, 2.676  76, 32.747, 2.676

 100, 32.747, 2.676  66, 32.747, 2.676

 96, 32.747, 2.676  56, 32.747, 2.676

 46, 32.747, 2.676

 36, 32.747, 2.676

 26, 32.747, 2.676

 16, 32.747, 2.676

 6, 32.747, 2.676

 0, 32.747, 2.676

 76, 32.747, 2.676

 76, 32.747, 2.676

70, 43.171, 4.380

82, 22.416, 1.273

65, 53.384, 6.484

88, 12.386, 0.078

60, 62.967, 9.135

95, 2.763, 358.910

57, 71.468, 12.501

99, 3.214, 199.408

54, 78.563, 16.736

52, 84.256, 21.873

52, 87.778, 25.800

Harmonies

Complementary

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



76, 32.747, 2.676



91, 29.195, 175.569

Rectangle

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



76, 32.747, 2.676



76, 32.747, 52.676



76, 32.747, 182.676



76, 32.747, 232.676

Sweetspot

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



76, 32.744, 2.679



93, 9.788, 359.753



76, 47.910, 318.206



49, 6.699, 359.908



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, 32.744, 2.679



74, 41.324, 3.855



80, 27.133, 42.614



48, 5.375, 359.694



39, 70.737, 24.723



9, 29.787, 13.662

Inverse Universe

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



76, 32.744, 2.679



74, 41.324, 3.855



87, 21.640, 225.674



48, 5.375, 359.694



39, 70.737, 24.723



9, 29.787, 13.662

Previews

White Background



This preview shows how the CIELCh color 76, 32.747, 2.676 looks on a white background.

Color Contrast Check

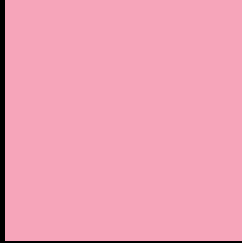
Large Text (above 18pt) WCAG AA × Fail

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 76, 32.747, 2.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

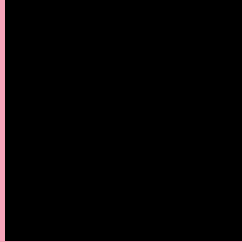
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 32.747, 2.676

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.747, 2.676.



This preview shows how white text looks on a background with the CIELCh color 76, 32.747, 2.676.

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, 31.306, 9.654

Trichromacy



Original Color
76, 32.747, 2.676



Protanomaly
76, 13.787, 344.848



Deuteranomaly
76, 18.074, 7.337

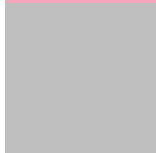


Tritanomaly
76, 31.421, 7.733

Monochromacy



Original Color
76, 32.747, 2.676



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 12.081, 359.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.747, 2.676 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(246, 165, 186)` looks like.

```
.text, #text, p{  
    color:rgb(246, 165, 186)  
}
```

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(246, 165, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 165, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.747, 2.676 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(246, 165, 186) }
```

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

```
.border{ border-color:rgb(246, 165, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 165, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 165, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 165, 186); box-shadow:4px 4px 4px 4px rgb(246, 165, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.747, 2.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 165, 186) }
```

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

```
.background{ background-color: rgb(246,  
165, 186) }
```

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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