

Converting Colors

CIELCh(76, 36.890, 18.853)

Have a look what the booklet for
CIELCh(76, 36.890, 18.853) contains.

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Color

CIELCh(76, 37.020, 18.795)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA2A7 |
| RGB | 255, 162, 167 |
| RGB Percent | 100%, 64%, 65% |
| CMY | 0.0000, 0.3647, 0.3451 |
| CMYK | 0.00, 0.36, 0.35, 0.00 |
| HSL | 357°, 100%, 82% |
| HSV | 357°, 36%, 100% |
| XYZ | 61.1316, 49.8872, 42.9638 |
| YIQ | 190.3770, 53.8230, 21.2710 |

Conversions

Conversions Part 2

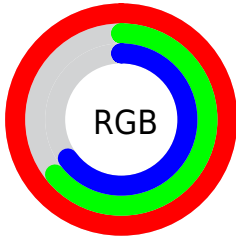
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 162, 167 |
| Decimal | 16753319 |
| CIE Lab | 76.00, 35.05, 11.93 |
| CIE LCh | 76, 37.020, 18.795 |
| Yxy | 49.8872, 0.3970, 0.3240 |
| Android (android.graphics.Color) | 4294943399 (0xFFFFA2A7) |
| YUV | 190.3770, -11.5249, 56.6744 |
| Hunter-Lab | 70.6309, 30.8891, 13.3764 |

Details

The CIELCh color **76, 37.020, 18.795** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.365, 192.527**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.740, 11.751**, and **56, 37.048, 18.922** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.502, 20.610**, and if you desaturate by 10%, it is **82, 26.009, 17.386**.

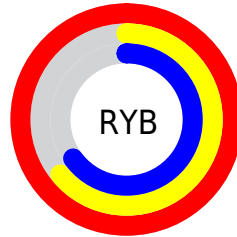
Distribution



Red (100%)

Green (64%)

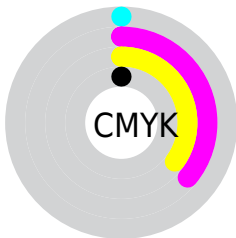
Blue (65%)



Red (100%)

Yellow (64%)

Blue (65%)

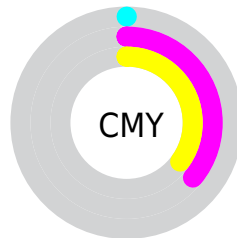


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 37.020, 18.795 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 76, 37.020, 18.795 by changing the saturation by 10% instead.

 76, 37.020, 18.795

 76, 37.020, 18.795

 100, 37.020,
18.795

 66, 37.020, 18.795

 96, 37.020, 18.795

 56, 37.020, 18.795

 46, 37.020, 18.795

 36, 37.020, 18.795

 26, 37.020, 18.795

 16, 37.020, 18.795

 6, 37.020, 18.795

 0, 37.020, 18.795

 76, 37.020, 18.795

 76, 37.020, 18.795

70, 48.502, 20.610

82, 26.009, 17.386

65, 60.207, 22.944

89, 15.624, 16.264

60, 71.772, 25.918

96, 5.919, 15.316

57, 82.774, 29.574

100, 0.012,
286.554

55, 92.692, 33.703

54, 100.498,
37.556

53, 102.509,
38.522

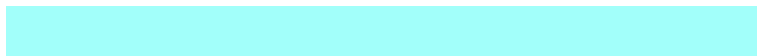
Harmonies

Complementary

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



76, 37.020, 18.795



94, 29.365, 192.527

Rectangle

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



76, 37.020, 18.795



76, 37.020, 68.795



76, 37.020, 198.795



76, 37.020, 248.795

Sweetspot

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



76, 37.017, 18.799



92, 10.232, 15.737



78, 57.030, 324.463



48, 6.909, 15.864



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, 37.017, 18.799



72, 45.635, 20.120



85, 30.347, 63.820



49, 5.260, 15.599



40, 81.980, 37.972



10, 32.936, 25.018

Inverse Universe

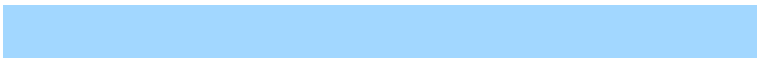
The Inverse Universe completely reimagines the original color for something new.



76, 37.017, 18.799



72, 45.635, 20.120



84, 26.135, 253.676



49, 5.260, 15.599



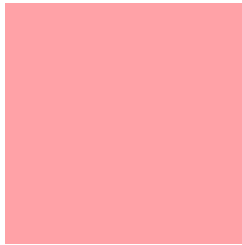
40, 81.980, 37.972



10, 32.936, 25.018

Previews

White Background



This preview shows how the CIELCh color 76, 37.020, 18.795 looks on a white background.

Color Contrast Check

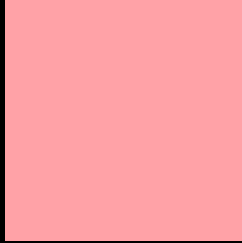
Large Text (above 18pt) WCAG AA × Fail

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 76, 37.020, 18.795 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 76, 37.020, 18.795

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.020, 18.795.



This preview shows how white text looks on a background with the CIELCh color 76, 37.020, 18.795.

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

76, 37.020, 18.795

Protanopia

76, 4.367, 78.559

Deuteranopia

76, 16.362, 53.869



Tritanopia
76, 37.285, 13.230

Trichromacy



Original Color
76, 37.020, 18.795



Protanomaly
76, 14.855, 26.769



Deuteranomaly
76, 22.940, 33.211



Tritanomaly
76, 37.295, 14.855

Monochromacy



Original Color
76, 37.020, 18.795



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 13.043, 15.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.020, 18.795 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, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 167)  
}
```

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, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.020, 18.795 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, 162, 167) }
```

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

```
.border{ border-color:rgb(255, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 162, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 162, 167); box-shadow:4px 4px 4px 4px rgb(255, 162, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.020, 18.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 167) }
```

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

```
.background{ background-color: rgb(255,  
162, 167) }
```

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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