

Converting Colors

CIELCh(76, 36.284, 23.080)

Have a look what the booklet for
CIELCh(76, 36.284, 23.080) contains.

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Color

CIELCh(76, 36.525, 22.732)

Conversions

Conversions Part 1

Format	Color
Hex	FEA3A3
RGB	254, 163, 163
RGB Percent	100%, 64%, 64%
CMY	0.0041, 0.3609, 0.3609
CMYK	0.00, 0.36, 0.36, 0.00
HSL	0°, 98%, 82%
HSV	0°, 36%, 100%
XYZ	60.5563, 49.8872, 41.0708
YIQ	190.2090, 54.2360, 19.2920

Conversions

Conversions Part 2

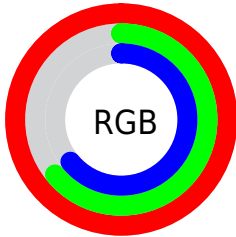
Format	Color
RYB	254, 163, 163
Decimal	16688035
CIELab	76.00, 33.69, 14.11
CIElCh	76, 36.525, 22.732
Yxy	49.8872, 0.3997, 0.3293
Android (android.graphics.Color)	4294878115 (0xFFFEA3A3)
YUV	190.2090, -13.4140, 55.9447
Hunter-Lab	70.6309, 29.4352, 14.9654

Details

The CIELCh color **76, 36.525, 22.732** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 28.354, 197.669**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.322, 22.530**, and **56, 36.607, 23.012** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.290, 24.408**, and if you desaturate by 10%, it is **82, 25.372, 21.459**.

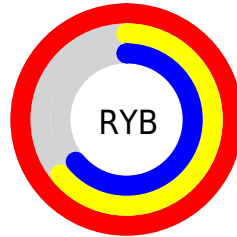
Distribution



Red (100%)

Green (64%)

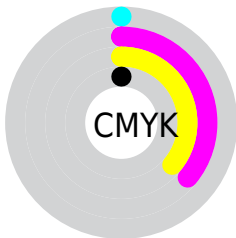
Blue (64%)



Red (100%)

Yellow (64%)

Blue (64%)

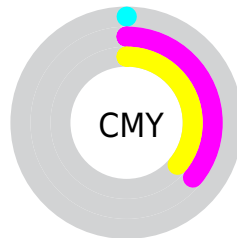


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 36.525, 22.732 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, 36.525, 22.732 by changing the saturation by 10% instead.

76, 36.525, 22.732

76, 36.525, 22.732

100, 36.525,
22.732

66, 36.525, 22.732

96, 36.525, 22.732

56, 36.525, 22.732

46, 36.525, 22.732

36, 36.525, 22.732

26, 36.525, 22.732

16, 36.525, 22.732

6, 36.525, 22.732

0, 36.525, 22.732

76, 36.525, 22.732

76, 36.525, 22.732

70, 48.290, 24.408

82, 25.372, 21.459

65, 60.445, 26.589

89, 14.952, 20.472

60, 72.635, 29.376

96, 5.292, 19.645

57, 84.367, 32.750

100, 0.361,
201.217

55, 94.818, 36.357

53, 102.170,
39.175

53, 104.251,
40.000

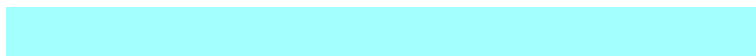
Harmonies

Complementary

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



76, 36.525, 22.732



94, 28.354, 197.669

Rectangle

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



76, 36.525, 22.732



76, 36.525, 72.732



76, 36.525, 202.732



76, 36.525, 252.732

Sweetspot

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



76, 36.522, 22.736



92, 10.225, 20.067



79, 56.772, 326.384



48, 6.908, 20.178



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, 36.522, 22.736



72, 45.058, 23.890



87, 30.275, 70.910



49, 5.254, 19.947



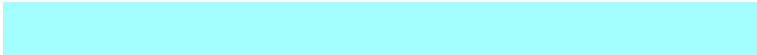
40, 84.229, 40.001



10, 33.367, 27.178

Inverse Universe

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



94, 28.354, 197.669



94, 33.001, 197.393



82, 27.332, 261.441



52, 4.945, 198.967



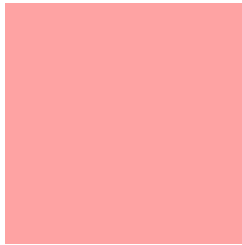
70, 40.362, 196.393



24, 18.569, 196.392

Previews

White Background



This preview shows how the CIELCh color 76, 36.525, 22.732 looks on a white background.

Color Contrast Check

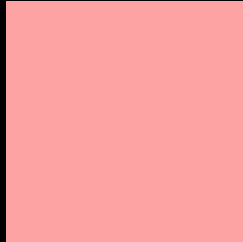
Large Text (above 18pt) WCAG AA × Fail

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, 36.525, 22.732 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, 36.525, 22.732

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.525, 22.732.

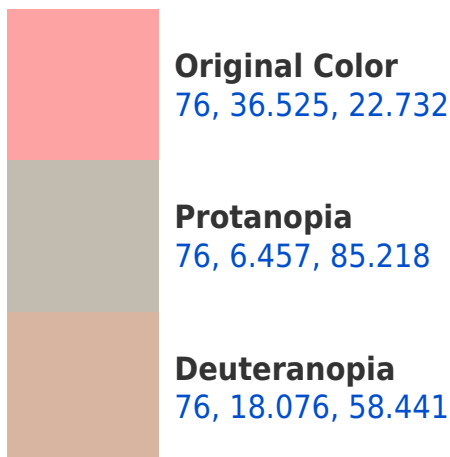


This preview shows how white text looks on a background with the CIELCh color 76, 36.525, 22.732.

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, 37.285, 13.230

Trichromacy



Original Color

76, 36.525, 22.732



Protanomaly

76, 15.377, 34.598



Deuteranomaly

76, 23.703, 38.068



Tritanomaly

76, 36.931, 17.163

Monochromacy



Original Color

76, 36.525, 22.732



Achromatopsia

77, 0.009, 296.813



Achromatomaly

76, 12.663, 20.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.525, 22.732 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(254, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(254, 163, 163)  
}
```

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(254, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 163, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.525, 22.732 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(254, 163, 163) }
```

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

```
.border{ border-color:rgb(254, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 163, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 163, 163); box-shadow:4px 4px 4px 4px rgb(254, 163, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.525, 22.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 163, 163) }
```

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

```
.background{ background-color: rgb(254,  
163, 163) }
```

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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