

Converting Colors

CIELCh(76, 36.487, 10.398)

Have a look what the booklet for
CIELCh(76, 36.487, 10.398) contains.

CIELCh(76, 36.525, 10.421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 36.525, 10.421)

Conversions

Conversions Part 1

Format	Color
Hex	FEA2B1
RGB	254, 162, 177
RGB Percent	100%, 64%, 69%
CMY	0.0053, 0.3660, 0.3072
CMYK	0.00, 0.36, 0.30, 0.01
HSL	350°, 97%, 81%
HSV	350°, 36%, 99%
XYZ	61.5048, 49.8872, 47.8103
YIQ	191.2180, 50.0170, 24.1690

Conversions

Conversions Part 2

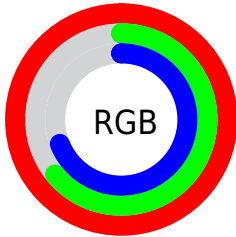
Format	Color
RYB	254, 162, 177
Decimal	16687793
CIELab	76.00, 35.92, 6.61
CIELCh	76, 36.525, 10.421
Yxy	49.8872, 0.3863, 0.3134
Android (android.graphics.Color)	4294877873 (0xFFFEA2B1)
YUV	191.2180, -7.0095, 55.0598
Hunter-Lab	70.6309, 31.8323, 9.3080

Details

The CIELCh color **76, 36.525, 10.421** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 30.697, 182.810**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.448, 350.417**, and **56, 36.399, 9.987** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.422, 12.314**, and if you desaturate by 10%, it is **82, 25.841, 8.905**.

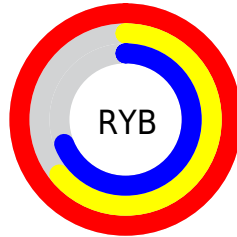
Distribution



Red (100%)

Green (64%)

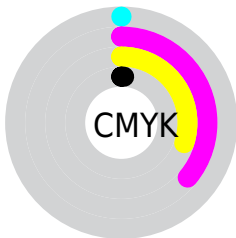
Blue (69%)



Red (100%)

Yellow (64%)

Blue (69%)

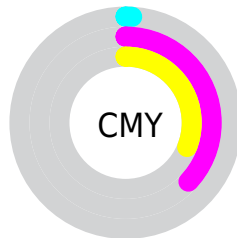


Cyan (0%)

Magenta (36%)

Yellow (30%)

Black (1%)



Cyan (1%)

Magenta (37%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 36.525, 10.421 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, 10.421 by changing the saturation by 10% instead.

 76, 36.525, 10.421

 76, 36.525, 10.421

 100, 36.525,
10.421

 66, 36.525, 10.421

 96, 36.525, 10.421

 56, 36.525, 10.421

 46, 36.525, 10.421

 36, 36.525, 10.421

 26, 36.525, 10.421

 16, 36.525, 10.421

 6, 36.525, 10.421

 0, 36.525, 10.421

 76, 36.525, 10.421

 76, 36.525, 10.421

70, 47.422, 12.314

82, 25.841, 8.905

65, 58.233, 14.701

89, 15.575, 7.656

61, 68.558, 17.737

95, 5.825, 6.563

57, 78.002, 21.557

100, 0.474,
200.774

55, 86.315, 26.180

53, 93.426, 31.329

53, 95.881, 33.157

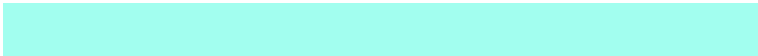
Harmonies

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, 10.421



94, 30.697, 182.810

Rectangle

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



76, 36.525, 10.421



76, 36.525, 60.421



76, 36.525, 190.421



76, 36.525, 240.421

Sweetspot

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



76, 36.522, 10.424



93, 10.426, 7.074



77, 55.220, 321.443



48, 7.033, 7.221



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, 10.424



72, 45.154, 11.851



83, 30.003, 53.042



50, 5.366, 6.914



40, 76.807, 32.221



10, 32.203, 20.462

Inverse Universe

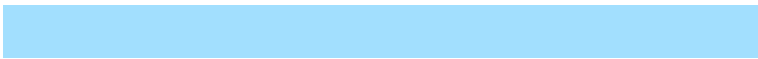
The Inverse Universe completely reimagines the original color for something new.



76, 36.522, 10.424



72, 45.154, 11.851



86, 24.301, 240.237



50, 5.366, 6.914



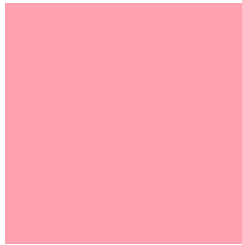
40, 76.807, 32.221



10, 32.203, 20.462

Previews

White Background



This preview shows how the CIELCh color 76, 36.525, 10.421 looks on a white background.

Color Contrast Check

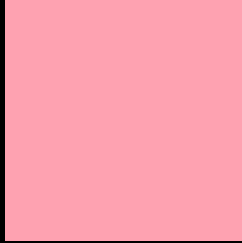
Large Text (above 18pt) WCAG AA × Fail

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, 10.421 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, 10.421

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.525, 10.421.

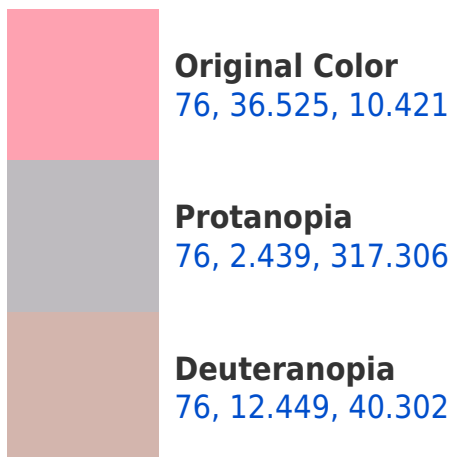


This preview shows how white text looks on a background with the CIELCh color 76, 36.525, 10.421.

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, 36.074, 12.756

Trichromacy



Original Color
76, 36.525, 10.421



Protanomaly
76, 13.932, 2.705



Deuteranomaly
76, 20.728, 21.172



Tritanomaly
76, 36.087, 11.916

Monochromacy



Original Color
76, 36.525, 10.421



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 13.286, 6.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.525, 10.421 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, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 162, 177)  
}
```

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, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 162, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.525, 10.421 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, 162, 177) }
```

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

```
.border{ border-color:rgb(254, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 162,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.525, 10.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 162, 177) }
```

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

```
.background{ background-color: rgb(254,  
162, 177) }
```

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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