

Converting Colors

CIELCh(85, 59.074, 36.419)

Have a look what the booklet for
CIELCh(85, 59.074, 36.419) contains.

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Color

CIELCh(78, 36.520, 42.895)

Conversions

Conversions Part 1

Format	Color
Hex	FEAD94
RGB	254, 173, 148
RGB Percent	100%, 68%, 58%
CMY	0.0034, 0.3207, 0.4187
CMYK	0.00, 0.32, 0.42, 0.00
HSL	14°, 98%, 79%
HSV	14°, 42%, 100%
XYZ	61.2717, 53.2120, 35.1593
YIQ	194.3690, 56.3010, 9.3970

Conversions

Conversions Part 2

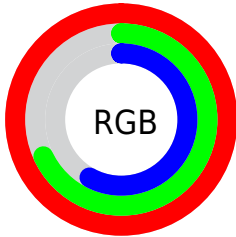
Format	Color
R _Y B	254, 181, 148
Decimal	16690580
CIE Lab	78.00, 26.75, 24.86
CIE LCh	78, 36.520, 42.895
Yxy	53.2120, 0.4095, 0.3556
Android (android.graphics.Color)	4294880660 (0xFFFEAD94)
YUV	194.3690, -22.8599, 52.2964
Hunter-Lab	72.9466, 22.2751, 22.4856

Details

The CIELCh color **78, 36.520, 42.895** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 27.124, 227.104**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 17.086, 73.804**, and **58, 36.691, 42.928** is the 20% darker color. If you saturate the color by 10%, you get **73, 47.150, 43.096**, and if you desaturate by 10%, it is **83, 26.624, 42.883**.

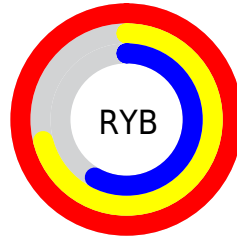
Distribution



Red (100%)

Green (68%)

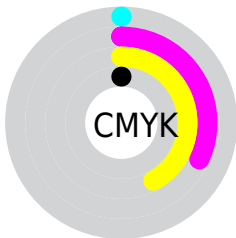
Blue (58%)



Red (100%)

Yellow (71%)

Blue (58%)

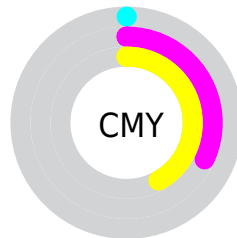


Cyan (0%)

Magenta (32%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 36.520, 42.895 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 78, 36.520, 42.895 by changing the saturation by 10% instead.

78, 36.520, 42.895

78, 36.520, 42.895

100, 36.520,
42.895

68, 36.520, 42.895

98, 36.520, 42.895

58, 36.520, 42.895

48, 36.520, 42.895

38, 36.520, 42.895

28, 36.520, 42.895

18, 36.520, 42.895

8, 36.520, 42.895

0, 36.520, 42.895

78, 36.520, 42.895

78, 36.520, 42.895

73, 47.150, 43.096

83, 26.624, 42.883

69, 58.436, 43.485

88, 17.474, 43.010

65, 70.139, 44.035

93, 9.030, 43.235

61, 81.692, 44.587

99, 1.237, 43.138

58, 91.833, 44.707

100, 0.301,
201.591

56, 98.085, 44.181

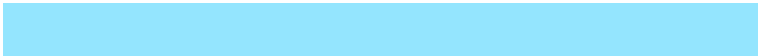
Harmonies

Complementary

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



78, 36.520, 42.895



87, 27.124, 227.104

Rectangle

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



78, 36.520, 42.895



78, 36.520, 92.895



78, 36.520, 222.895



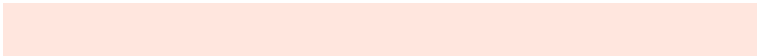
78, 36.520, 272.895

Sweetspot

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



78, 36.518, 42.900



93, 10.145, 43.202



75, 56.043, 334.616



48, 7.163, 43.149



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 36.518, 42.900



74, 45.456, 43.050



91, 41.471, 90.807



50, 4.374, 43.286



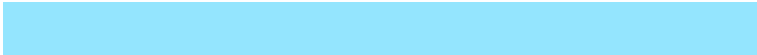
43, 78.728, 44.647



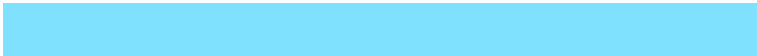
12, 29.453, 39.345

Inverse Universe

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



87, 27.124, 227.104



85, 31.395, 228.394



73, 42.616, 283.008



52, 4.130, 224.247



56, 36.339, 243.413



18, 16.352, 237.315

Previews

White Background



This preview shows how the CIELCh color 78, 36.520, 42.895 looks on a white background.

Color Contrast Check

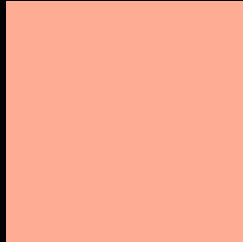
Large Text (above 18pt) WCAG AA × Fail

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 78, 36.520, 42.895 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 78, 36.520, 42.895

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.520, 42.895.



This preview shows how white text looks on a background with the CIELCh color 78, 36.520, 42.895.

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

78, 36.571, 42.896

Protanopia

78, 19.734, 94.408

Deuteranopia

78, 27.582, 68.388



Tritanopia
78, 33.448, 11.620

Trichromacy



Original Color
78, 36.571, 42.896

Protanomaly
78, 22.901, 67.736

Deuteranomaly
78, 30.118, 57.245

Tritanomaly
78, 33.428, 23.220

Monochromacy



Original Color
78, 36.571, 42.896

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 12.579, 42.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.520, 42.895 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, 173, 148)` looks like.

```
.text, #text, p{  
    color:rgb(254, 173, 148)  
}
```

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, 173, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 173, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.520, 42.895 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, 173, 148) }
```

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

```
.border{ border-color:rgb(254, 173, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 173, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 173, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 173, 148);  
box-shadow:4px 4px 4px 4px rgb(254, 173,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.520, 42.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 173, 148) }
```

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

```
.background{ background-color: rgb(254,  
173, 148) }
```

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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