

Converting Colors

CIELCh(78, 36.412, 25.077)

Have a look what the booklet for
CIELCh(78, 36.412, 25.077) contains.

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Color

CIELCh(78, 34.523, 25.024)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAA7
RGB	255, 170, 167
RGB Percent	100%, 67%, 65%
CMY	0.0000, 0.3320, 0.3439
CMYK	0.00, 0.33, 0.34, 0.00
HSL	2°, 100%, 83%
HSV	2°, 34%, 100%
XYZ	63.2188, 53.2120, 43.6460
YIQ	195.0730, 51.6230, 17.0870

Conversions

Conversions Part 2

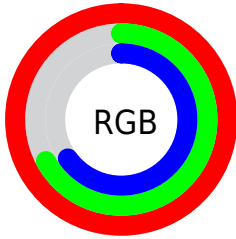
Format	Color
R _Y B	255, 170, 167
Decimal	16755367
CIE Lab	78.00, 31.28, 14.60
CIE LCh	78, 34.523, 25.024
Yxy	53.2120, 0.3949, 0.3324
Android (android.graphics.Color)	4294945447 (0xFFFFAAA7)
YUV	195.0730, -13.8400, 52.5560
Hunter-Lab	72.9466, 27.0397, 15.5877

Details

The CIELCh color **78, 34.523, 25.024** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 26.507, 201.189**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 10.857, 30.973**, and **58, 33.983, 25.170** is the 20% darker color. If you saturate the color by 10%, you get **72, 45.402, 26.429**, and if you desaturate by 10%, it is **84, 23.140, 23.960**.

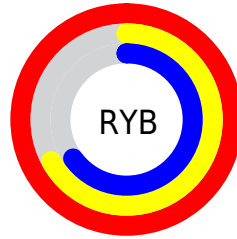
Distribution



Red (100%)

Green (67%)

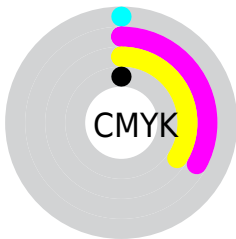
Blue (65%)



Red (100%)

Yellow (67%)

Blue (65%)

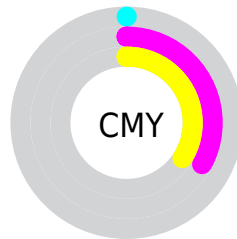


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.523, 25.024 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, 34.523, 25.024 by changing the saturation by 10% instead.

 78, 34.523, 25.024

 78, 34.523, 25.024

 100, 34.523,
25.024

 68, 34.523, 25.024

 98, 34.523, 25.024

 58, 34.523, 25.024

 48, 34.523, 25.024

 38, 34.523, 25.024

 28, 34.523, 25.024

 18, 34.523, 25.024

 8, 34.523, 25.024

 0, 34.523, 25.024

 78, 34.523, 25.024

 78, 34.523, 25.024

72, 45.402, 26.429

84, 23.140, 23.960

67, 57.403, 28.273

90, 13.111, 23.147

62, 69.643, 30.641

97, 3.841, 22.430

58, 81.681, 33.530

100, 0.012,
296.813

56, 92.750, 36.677

54, 101.172,
39.249

53, 104.163,
40.242

Harmonies

Complementary

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



78, 34.523, 25.024



94, 26.507, 201.189

Rectangle

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



78, 34.523, 25.024



78, 34.523, 75.024



78, 34.523, 205.024



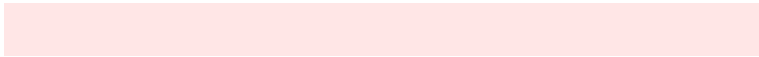
78, 34.523, 255.024

Sweetspot

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



78, 33.926, 25.024



93, 8.950, 22.842



80, 53.535, 327.255



49, 6.141, 22.938



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, 33.926, 25.024



74, 41.442, 25.908



88, 29.525, 74.471



50, 5.078, 22.808



40, 83.754, 40.348



10, 32.667, 28.862

Inverse Universe

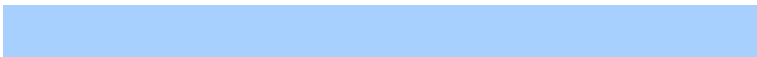
The Inverse Universe completely reimagines the original color for something new.



94, 26.507, 201.189



93, 30.647, 201.053



82, 27.328, 264.711



52, 4.776, 202.060



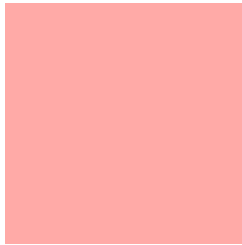
68, 38.492, 201.999



23, 17.804, 201.292

Previews

White Background



This preview shows how the CIELCh color 78, 34.523, 25.024 looks on a white background.

Color Contrast Check

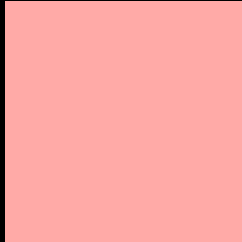
Large Text (above 18pt) WCAG AA × Fail

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, 34.523, 25.024 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, 34.523, 25.024

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.523, 25.024.



This preview shows how white text looks on a background with the CIELCh color 78, 34.523, 25.024.

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, 34.073, 25.004

Protanopia

78, 7.559, 85.771

Deuteranopia

78, 17.964, 58.488



Tritanopia
78, 33.870, 11.808

Trichromacy



Original Color
78, 34.073, 25.004

Protanomaly
78, 14.867, 39.164

Deuteranomaly
78, 22.565, 40.117

Tritanomaly
78, 33.866, 16.262

Monochromacy



Original Color
78, 34.073, 25.004

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.835, 22.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.523, 25.024 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, 170, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 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, 170, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.523, 25.024 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, 170, 167) }
```

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

```
.border{ border-color:rgb(255, 170, 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, 170, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.523, 25.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 167) }
```

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

```
.background{ background-color: rgb(255,  
170, 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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