

# Converting Colors

CIELCh(78, 26.391, 13.960)

Have a look what the booklet for  
CIELCh(78, 26.391, 13.960) contains.

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# Color

**CIELCh(78, 26.559, 13.763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3AFB6
RGB	243, 175, 182
RGB Percent	95%, 69%, 71%
CMY	0.0462, 0.3129, 0.2855
CMYK	0.00, 0.28, 0.25, 0.05
HSL	354°, 74%, 82%
HSV	354°, 28%, 95%
XYZ	60.8648, 53.2120, 51.4230
YIQ	196.1300, 38.2810, 16.5930

# Conversions

## Conversions Part 2

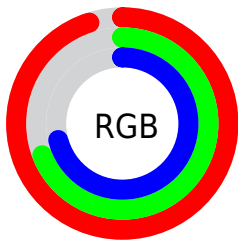
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 175, 182
Decimal	15970230
CIE Lab	78.00, 25.80, 6.32
CIE LCh	78, 26.559, 13.763
Yxy	53.2120, 0.3678, 0.3215
Android (android.graphics.Color)	4294160310 (0xFFF3AFB6)
YUV	196.1300, -6.9661, 41.1050
Hunter-Lab	72.9466, 21.2795, 9.2666

# Details

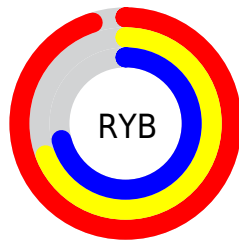
The CIELCh color **78, 26.559, 13.763** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 22.786, 188.734**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 9.339, 357.385**, and **58, 26.723, 14.123** is the 20% darker color. If you saturate the color by 10%, you get **72, 37.063, 15.295**, and if you desaturate by 10%, it is **84, 16.539, 12.537**.

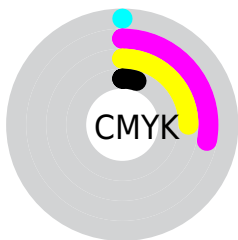
# Distribution



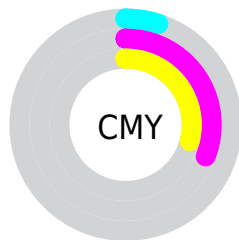
- Red (95%)
- Green (69%)
- Blue (71%)



- Red (95%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (25%)
- Black (5%)



- Cyan (5%)
- Magenta (31%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 26.559, 13.763 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, 26.559, 13.763 by changing the saturation by 10% instead.



78, 26.559, 13.763

78, 26.559, 13.763

100, 26.559,  
13.763

68, 26.559, 13.763

98, 26.559, 13.763

58, 26.559, 13.763

48, 26.559, 13.763

38, 26.559, 13.763

28, 26.559, 13.763

18, 26.559, 13.763

8, 26.559, 13.763

0, 26.559, 13.763

78, 26.559, 13.763

78, 26.559, 13.763

72, 37.063, 15.295

84, 16.539, 12.537

67, 47.881, 17.228

91, 7.096, 11.497

62, 58.729, 19.694

97, 1.751, 191.121

57, 69.242, 22.828

99, 4.070, 199.310

54, 79.047, 26.705

52, 87.818, 31.199

51, 95.091, 35.707

51, 96.384, 36.467

# Harmonies

# Complementary

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



78, 26.559, 13.763



91, 22.786, 188.734

# Rectangle

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



78, 26.559, 13.763



78, 26.559, 63.763



78, 26.559, 193.763



78, 26.559, 243.763

# Sweetspot

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



78, 26.557, 13.767



95, 7.409, 11.503



79, 41.702, 322.577



50, 5.292, 11.655



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, 26.557, 13.767



78, 34.142, 14.661



84, 21.641, 59.184



48, 5.117, 11.651



39, 78.171, 35.722



8, 30.424, 20.845





# Inverse Universe

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



78, 26.557, 13.767



78, 34.142, 14.661



85, 18.920, 245.556



48, 5.117, 11.651



39, 78.171, 35.722



8, 30.424, 20.845



# Previews

## White Background



This preview shows how the CIELCh color 78, 26.559, 13.763 looks on a white background.

## Color Contrast Check

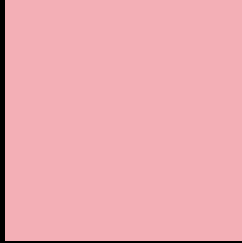
Large Text (above 18pt) WCAG AA × Fail

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, 26.559, 13.763 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, 26.559, 13.763**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 78, 26.559, 13.763.



This preview shows how white text looks on a background with the CIELCh color 78, 26.559, 13.763.

# 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, 26.559, 13.763

### Protanopia

78, 1.850, 19.263

### Deuteranopia

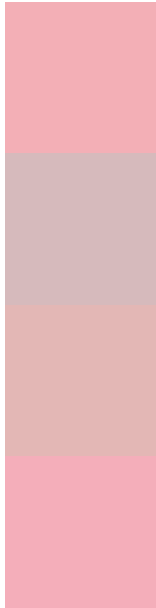
78, 12.160, 38.014



**Tritanopia**  
78, 27.708, 6.438



# Trichromacy



**Original Color**  
78, 26.559, 13.763

**Protanomaly**  
78, 10.645, 14.505

**Deuteranomaly**  
78, 17.055, 24.324

**Tritanomaly**  
78, 27.559, 8.601

# Monochromacy



**Original Color**  
78, 26.559, 13.763

**Achromatopsia**  
79, 0.010, 296.813

**Achromatomaly**  
78, 9.535, 10.509

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 78, 26.559, 13.763 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(243, 175, 182)` looks like.

```
.text, #text, p{  
    color:rgb(243, 175, 182)  
}
```

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(243, 175, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 175, 182) }
```

## Border

The CSS property to change the border of an element to CIELCh 78, 26.559, 13.763 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(243, 175, 182) }
```

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

```
.border{ border-color:rgb(243, 175, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 175, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 175, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 175, 182);  
box-shadow:4px 4px 4px 4px rgb(243, 175,  
182) }
```

# Background

The CSS property to change the background color of an element to CIELCh 78, 26.559, 13.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 175, 182) }
```

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

```
.background{ background-color: rgb(243,  
175, 182) }
```

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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