

Converting Colors

CIELCh(78, 26.395, 0.049)

Have a look what the booklet for
CIELCh(78, 26.395, 0.049) contains.

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Color

CIELCh(78, 26.458, 359.447)

Conversions

Conversions Part 1

Format	Color
Hex	F0AFC2
RGB	240, 175, 194
RGB Percent	94%, 69%, 76%
CMY	0.0579, 0.3129, 0.2384
CMYK	0.00, 0.27, 0.19, 0.06
HSL	342°, 69%, 81%
HSV	342°, 27%, 94%
XYZ	61.1450, 53.2120, 58.2131
YIQ	196.6010, 32.6410, 19.6890

Conversions

Conversions Part 2

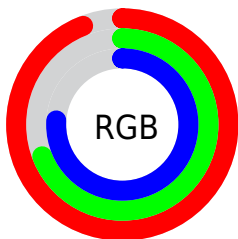
Format	Color
R _Y B	240, 175, 194
Decimal	15773634
CIE Lab	78.00, 26.46, -0.26
CIE LCh	78, 26.458, 359.447
Yxy	53.2120, 0.3543, 0.3084
Android (android.graphics.Color)	4293963714 (0xFFFF0AFC2)
YUV	196.6010, -1.2823, 38.0609
Hunter-Lab	72.9466, 21.9651, 3.7477

Details

The CIELCh color $78, 26.458, 359.447$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $90, 24.360, 173.851$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 12.971, 331.387$, and $58, 26.359, 0.059$ is the 20% darker color. If you saturate the color by 10%, you get $72, 36.698, 0.933$, and if you desaturate by 10%, it is $84, 16.387, 358.197$.

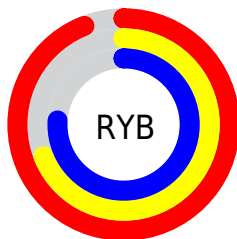
Distribution



Red (94%)

Green (69%)

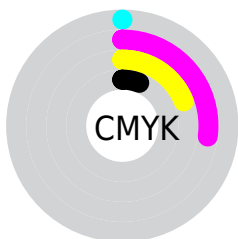
Blue (76%)



Red (94%)

Yellow (69%)

Blue (76%)

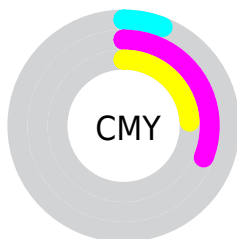


Cyan (0%)

Magenta (27%)

Yellow (19%)

Black (6%)



Cyan (6%)

Magenta (31%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 26.458, 359.447 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, 26.458, 359.447 by changing the saturation by 10% instead.

 78, 26.458,
359.447

 78, 26.458,
359.447

 100, 26.458,
359.447

 68, 26.458,
359.447

 98, 26.458,
359.447

 58, 26.458,
359.447

 48, 26.458,
359.447

 38, 26.458,
359.447

 28, 26.458,
359.447

 18, 26.458,
359.447

 8, 26.458, 359.447

0, 26.458, 359.447

78, 26.458,
359.447

78, 26.458,
359.447

72, 36.698, 0.933

84, 16.387,
358.197

67, 46.862, 2.732

90, 6.645, 357.086

62, 56.580, 4.966

97, 2.695, 176.449

58, 65.396, 7.784

99, 5.085, 199.213

54, 72.875, 11.364

52, 78.792, 15.852

51, 83.344, 21.232

51, 84.639, 22.850

Harmonies

Complementary

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



78, 26.458, 359.447



90, 24.360, 173.851

Rectangle

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



78, 26.458, 359.447



78, 26.458, 49.447



78, 26.458, 179.447



78, 26.458, 229.447

Sweetspot

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



78, 26.455, 359.450



95, 7.917, 357.192



78, 38.259, 316.897



50, 5.644, 357.356



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, 26.455, 359.450



79, 33.071, 0.164



81, 21.730, 39.191



47, 5.364, 357.350



39, 68.763, 21.782



8, 28.791, 10.762

Inverse Universe

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



78, 26.455, 359.450



79, 33.071, 0.164



87, 18.040, 220.677



47, 5.364, 357.350



39, 68.763, 21.782



8, 28.791, 10.762

Previews

White Background



This preview shows how the CIELCh color 78, 26.458, 359.447 looks on a white background.

Color Contrast Check

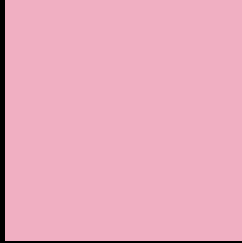
Large Text (above 18pt) WCAG AA × Fail

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, 26.458, 359.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

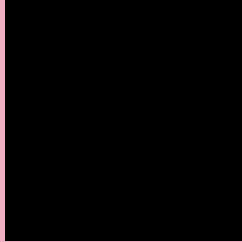
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 26.458, 359.447

Background



This preview shows how black text looks on a background with the CIELCh color 78, 26.458, 359.447.



This preview shows how white text looks on a background with the CIELCh color 78, 26.458, 359.447.

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
78, 25.417, 4.745

Trichromacy



Original Color
78, 26.458, 359.447

Protanomaly
78, 11.624, 340.271

Deuteranomaly
78, 15.605, 0.804

Tritanomaly
78, 25.649, 2.437

Monochromacy



Original Color
78, 26.458, 359.447

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 9.697, 357.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 26.458, 359.447 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(240, 175, 194)` looks like.

```
.text, #text, p{  
    color:rgb(240, 175, 194)  
}
```

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(240, 175, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 175, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 26.458, 359.447 is called "border". The border property can be set on classes, ids or directly on the HTML element.

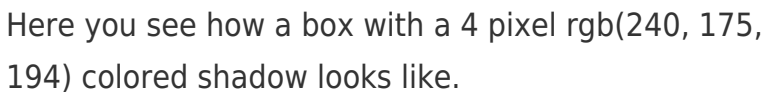
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 175, 194) }
```

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

```
.border{ border-color:rgb(240, 175, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 175, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 175, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 175, 194);  
box-shadow:4px 4px 4px 4px rgb(240, 175,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 26.458, 359.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 175, 194) }
```

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

```
.background{ background-color: rgb(240,  
175, 194) }
```

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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