

Converting Colors

CIELCh(77, 19.908, 348.322)

Have a look what the booklet for
CIELCh(77, 19.908, 348.322)
contains.

CIELCh(77, 19.857, 348.625)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 19.857, 348.625)

Conversions

Conversions Part 1

Format	Color
Hex	DFB2C6
RGB	223, 178, 198
RGB Percent	87%, 70%, 78%
CMY	0.1260, 0.3024, 0.2240
CMYK	0.00, 0.20, 0.11, 0.13
HSL	333°, 41%, 79%
HSV	333°, 20%, 87%
XYZ	56.4672, 51.5317, 60.3219
YIQ	193.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

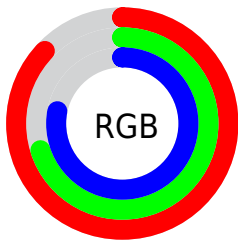
Format	Color
R _Y B	223, 178, 198
Decimal	14660294
CIE Lab	77.00, 19.47, -3.92
CIE LCh	77, 19.857, 348.625
Yxy	51.5317, 0.3355, 0.3062
Android (android.graphics.Color)	4292850374 (0xFFDFB2C6)
YUV	193.7350, 2.1026, 25.6654
Hunter-Lab	71.7856, 14.7849, 0.4282

Details

The CIELCh color $77, 19.857, 348.625$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85, 19.214, 164.930$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 13.109, 324.873$, and $57, 19.735, 348.638$ is the 20% darker color. If you saturate the color by 10%, you get $71, 29.933, 349.762$, and if you desaturate by 10%, it is $83, 9.895, 347.614$.

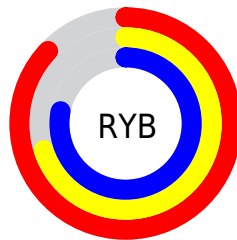
Distribution



Red (87%)

Green (70%)

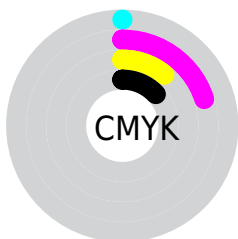
Blue (78%)



Red (87%)

Yellow (70%)

Blue (78%)

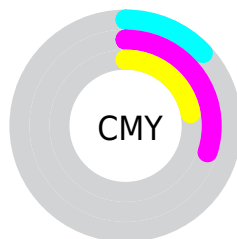


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (13%)



Cyan (13%)


Magenta (30%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 19.857, 348.625 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 77, 19.857, 348.625 by changing the saturation by 10% instead.


 77, 19.857,
348.625


 77, 19.857,
348.625


 100, 19.857,
348.625


 67, 19.857,
348.625

 97, 19.857,
348.625

 57, 19.857,
348.625

 47, 19.857,
348.625

 37, 19.857,
348.625

 27, 19.857,
348.625

 17, 19.857,
348.625

 7, 19.857, 348.625

0, 19.857, 348.625

77, 19.857,
348.625

77, 19.857,
348.625

71, 29.933,
349.762

83, 9.895, 347.614

89, 0.185, 344.278

66, 39.916,
351.072

95, 9.208, 166.030

61, 49.477,
352.621

98, 11.748,
179.406

57, 58.179,
354.501

98, 10.868,
198.781

53, 65.511,
356.839

51, 71.008,
359.796

■ 49, 74.452, 3.549

■ 48, 76.282, 8.012

Harmonies

Complementary

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



77, 19.857, 348.625



85, 19.214, 164.930

Rectangle

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



77, 19.857, 348.625



77, 19.857, 38.625



77, 19.857, 168.625



77, 19.857, 218.625

Sweetspot

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



77, 19.854, 348.628



96, 6.464, 347.204



76, 25.862, 311.696



51, 4.291, 347.271



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 19.854, 348.628



84, 26.433, 349.063



77, 16.632, 24.860



44, 5.541, 347.542



37, 63.915, 7.162



6, 25.957, 358.744

Inverse Universe

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



77, 19.854, 348.628



84, 26.433, 349.063



85, 14.513, 203.145



44, 5.541, 347.542



37, 63.915, 7.162



6, 25.957, 358.744

Previews

White Background



This preview shows how the CIELCh color 77, 19.857, 348.625 looks on a white background.

Color Contrast Check

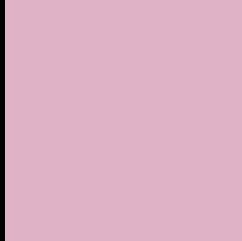
Large Text (above 18pt) WCAG AA × Fail

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 77, 19.857, 348.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

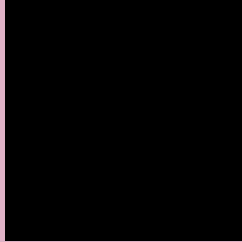
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 19.857, 348.625

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.857, 348.625.



This preview shows how white text looks on a background with the CIELCh color 77, 19.857, 348.625.

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


77, 19.857, 348.625

Protanopia

77, 8.612, 293.349

Deuteranopia

77, 10.112, 340.750



Tritanopia
77, 17.791, 356.148

Trichromacy



Original Color
77, 19.857, 348.625

Protanomaly
77, 11.089, 324.877

Deuteranomaly
77, 13.747, 344.830

Tritanomaly
77, 18.213, 353.050

Monochromacy



Original Color
77, 19.857, 348.625

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.036, 347.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 19.857, 348.625 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(223, 178, 198)` looks like.

```
.text, #text, p{  
    color:rgb(223, 178, 198)  
}
```

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(223, 178, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 178, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.857, 348.625 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(223, 178, 198) }
```

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

```
.border{ border-color:rgb(223, 178, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 178, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 178, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 178, 198);  
box-shadow:4px 4px 4px 4px rgb(223, 178,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.857, 348.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 178, 198) }
```

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

```
.background{ background-color: rgb(223,  
178, 198) }
```

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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