

Converting Colors

CIELCh(77, 20.642, 350.416)

Have a look what the booklet for
CIELCh(77, 20.642, 350.416)
contains.

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Color

CIELCh(77, 20.834, 350.443)

Conversions

Conversions Part 1

Format	Color
Hex	E1B1C5
RGB	225, 177, 197
RGB Percent	88%, 69%, 77%
CMY	0.1173, 0.3055, 0.2271
CMYK	0.00, 0.21, 0.12, 0.12
HSL	335°, 45%, 79%
HSV	335°, 21%, 88%
XYZ	56.9028, 51.5317, 59.8195
YIQ	193.6320, 22.1880, 16.3960

Conversions

Conversions Part 2

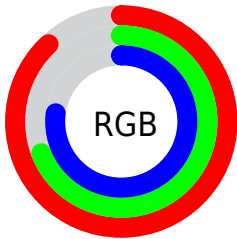
Format	Color
R _Y B	225, 177, 197
Decimal	14791109
CIE Lab	77.00, 20.54, -3.46
CIE LCh	77, 20.834, 350.443
Yxy	51.5317, 0.3382, 0.3063
Android (android.graphics.Color)	4292981189 (0xFFE1B1C5)
YUV	193.6320, 1.6604, 27.5097
Hunter-Lab	71.7856, 15.8679, 0.8431

Details

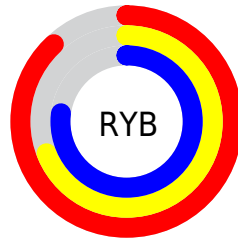
The CIELCh color $77, 20.834, 350.443$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86, 20.032, 166.428$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 13.318, 326.143$, and $57, 20.767, 350.646$ is the 20% darker color. If you saturate the color by 10%, you get $71, 30.870, 351.638$, and if you desaturate by 10%, it is $83, 10.918, 349.392$.

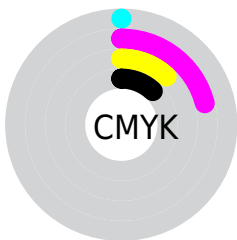
Distribution



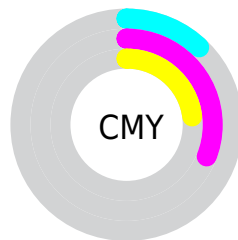
- Red (88%)
- Green (69%)
- Blue (77%)



- Red (88%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (12%)



- Cyan (12%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 20.834, 350.443 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, 20.834, 350.443 by changing the saturation by 10% instead.

 77, 20.834,
350.443

 77, 20.834,
350.443

 100, 20.834,
350.443

 67, 20.834,
350.443


 97, 20.834,
350.443

 57, 20.834,
350.443

 47, 20.834,
350.443

 37, 20.834,
350.443

 27, 20.834,
350.443

 17, 20.834,
350.443

 7, 20.834, 350.443

0, 20.834, 350.443

77, 20.834,
350.443

77, 20.834,
350.443

71, 30.870,
351.638

83, 10.918,
349.392

66, 40.813,
353.028

89, 1.263, 348.142

61, 50.329,
354.687

95, 8.065, 167.758

57, 58.973,
356.719

98, 10.656,
183.785

53, 66.240,
359.264

98, 10.144,
198.830

51, 71.696, 2.495

■ 49, 75.184, 6.584

■ 48, 77.064, 10.783

Harmonies

Complementary

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



77, 20.834, 350.443



86, 20.032, 166.428

Rectangle

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



77, 20.834, 350.443



77, 20.834, 40.443



77, 20.834, 170.443



77, 20.834, 220.443

Sweetspot

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



77, 20.831, 350.446



96, 6.350, 348.856



76, 27.762, 312.858



51, 4.216, 348.924



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, 20.831, 350.446



83, 28.242, 351.004



77, 17.274, 27.815



44, 5.445, 349.202



37, 64.032, 9.857



6, 25.779, 0.643

Inverse Universe

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



77, 20.831, 350.446



83, 28.242, 351.004



85, 14.926, 206.577



44, 5.445, 349.202



37, 64.032, 9.857



6, 25.779, 0.643

Previews

White Background



This preview shows how the CIELCh color 77, 20.834, 350.443 looks on a white background.

Color Contrast Check

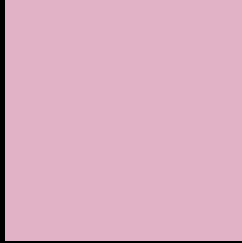
Large Text (above 18pt) WCAG AA × Fail

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, 20.834, 350.443 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, 20.834, 350.443

Background



This preview shows how black text looks on a background with the CIELCh color 77, 20.834, 350.443.



This preview shows how white text looks on a background with the CIELCh color 77, 20.834, 350.443.

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, 20.834, 350.443

Protanopia
77, 8.075, 293.464

Deuteranopia
77, 9.786, 343.183



Tritanopia
77, 18.854, 357.752

Trichromacy



Original Color
77, 20.834, 350.443

Protanomaly
77, 10.871, 328.098

Deuteranomaly
77, 13.767, 347.618

Tritanomaly
77, 19.243, 354.784

Monochromacy



Original Color
77, 20.834, 350.443

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.354, 349.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 20.834, 350.443 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(225, 177, 197)` looks like.

```
.text, #text, p{  
    color:rgb(225, 177, 197)  
}
```

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(225, 177, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 177, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 20.834, 350.443 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(225, 177, 197) }
```

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

```
.border{ border-color:rgb(225, 177, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 177, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 177, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 177, 197);  
box-shadow:4px 4px 4px 4px rgb(225, 177,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 20.834, 350.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 177, 197) }
```

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

```
.background{ background-color: rgb(225,  
177, 197) }
```

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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