

Converting Colors

CIELCh(77, 17.420, 20.846)

Have a look what the booklet for
CIELCh(77, 17.420, 20.846) contains.

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Color

CIELCh(77, 17.420, 20.846)

Conversions

Conversions Part 1

Format	Color
Hex	E0B3B3
RGB	224, 179, 179
RGB Percent	88%, 70%, 70%
CMY	0.1203, 0.2968, 0.2968
CMYK	0.00, 0.20, 0.20, 0.12
HSL	0°, 42%, 79%
HSV	0°, 20%, 88%
XYZ	55.1924, 51.5317, 49.8500
YIQ	192.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

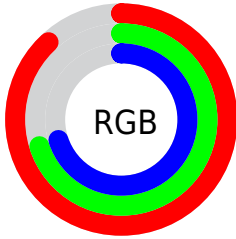
Format	Color
R _Y B	224, 179, 179
Decimal	14726067
CIE Lab	77.00, 16.28, 6.20
CIE LCh	77, 17.420, 20.846
Yxy	51.5317, 0.3525, 0.3291
Android (android.graphics.Color)	4292916147 (0xFFE0B3B3)
YUV	192.4550, -6.6333, 27.6650
Hunter-Lab	71.7856, 11.6150, 9.0773

Details

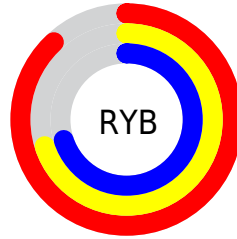
The CIELCh color **77, 17.420, 20.846** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 15.259, 198.400**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 7.200, 19.810**, and **57, 17.452, 21.293** is the 20% darker color. If you saturate the color by 10%, you get **71, 27.115, 21.938**, and if you desaturate by 10%, it is **83, 8.400, 19.992**.

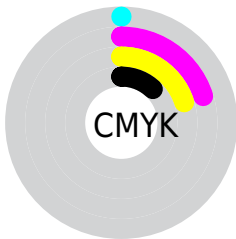
Distribution



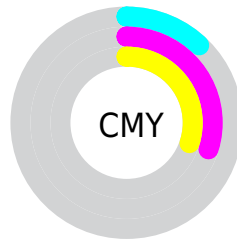
- Red (88%)
- Green (70%)
- Blue (70%)



- Red (88%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 17.420, 20.846 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, 17.420, 20.846 by changing the saturation by 10% instead.

77, 17.420, 20.846

77, 17.420, 20.846

100, 17.420,
20.846

67, 17.420, 20.846

97, 17.420, 20.846

57, 17.420, 20.846

47, 17.420, 20.846

37, 17.420, 20.846

27, 17.420, 20.846

17, 17.420, 20.846

7, 17.420, 20.846

0, 17.420, 20.846

77, 17.420, 20.846

77, 17.420, 20.846

71, 27.115, 21.938

83, 8.400, 19.992

66, 37.439, 23.350

89, 0.056, 8.666

60, 48.248, 25.195

96, 7.657, 199.003

56, 59.295, 27.584

98, 10.393,
198.813

52, 70.224, 30.586

49, 80.520, 34.091

48, 89.209, 37.546

47, 94.922, 40.001

Harmonies

Complementary

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



77, 17.420, 20.846



86, 15.259, 198.400

Rectangle

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



77, 17.420, 20.846



77, 17.420, 70.846



77, 17.420, 200.846



77, 17.420, 250.846

Sweetspot

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



77, 17.418, 20.853



96, 5.467, 19.666



78, 28.922, 325.533



51, 3.636, 19.721



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, 17.418, 20.853



84, 23.485, 21.265



83, 14.758, 72.920



44, 4.727, 19.942



36, 79.112, 39.954



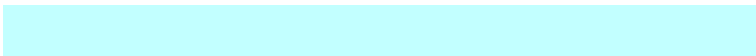
6, 25.539, 20.944

Inverse Universe

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



86, 15.259, 198.400



96, 19.971, 198.200



80, 13.995, 258.323



46, 4.454, 198.981



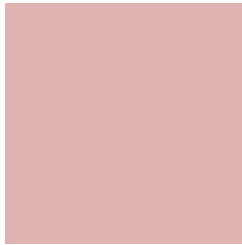
65, 37.933, 196.404



17, 15.583, 196.401

Previews

White Background



This preview shows how the CIELCh color 77, 17.420, 20.846 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, 17.420, 20.846 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, 17.420, 20.846

Background



This preview shows how black text looks on a background with the CIELCh color 77, 17.420, 20.846.



This preview shows how white text looks on a background with the CIELCh color 77, 17.420, 20.846.

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, 17.420, 20.846

Protanopia

77, 3.247, 74.692

Deuteranopia

77, 11.644, 36.140



Tritanopia
77, 19.934, 359.203

Trichromacy



Original Color
77, 17.420, 20.846

Protanomaly
77, 7.758, 31.834

Deuteranomaly
77, 13.708, 29.380

Tritanomaly
77, 18.508, 6.024

Monochromacy



Original Color
77, 17.420, 20.846

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.005, 19.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 17.420, 20.846 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(224, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(224, 179, 179)  
}
```

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(224, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 179, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 17.420, 20.846 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(224, 179, 179) }
```

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

```
.border{ border-color:rgb(224, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(224, 179,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 17.420, 20.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 179, 179) }
```

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

```
.background{ background-color: rgb(224,  
179, 179) }
```

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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