

Converting Colors

CIELCh(77, 20.811, 22.190)

Have a look what the booklet for
CIELCh(77, 20.811, 22.190) contains.

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Color

CIELCh(77, 20.710, 22.601)

Conversions

Conversions Part 1

Format	Color
Hex	E6B1B0
RGB	230, 177, 176
RGB Percent	90%, 69%, 69%
CMY	0.0972, 0.3050, 0.3090
CMYK	0.00, 0.23, 0.23, 0.10
HSL	1°, 52%, 80%
HSV	1°, 23%, 90%
XYZ	56.3273, 51.5317, 48.1618
YIQ	192.7330, 31.9090, 10.9250

Conversions

Conversions Part 2

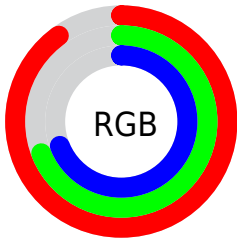
Format	Color
R _Y B	230, 177, 176
Decimal	15118768
CIE Lab	77.00, 19.12, 7.96
CIE LCh	77, 20.710, 22.601
Yxy	51.5317, 0.3610, 0.3303
Android (android.graphics.Color)	4293308848 (0xFFE6B1B0)
YUV	192.7330, -8.2494, 32.6832
Hunter-Lab	71.7856, 14.4371, 10.4716

Details

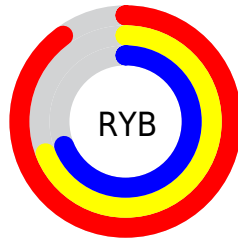
The CIELCh color **77, 20.710, 22.601** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **88, 17.669, 199.962**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 7.972, 23.550**, and **57, 20.937, 21.712** is the 20% darker color. If you saturate the color by 10%, you get **71, 30.690, 23.709**, and if you desaturate by 10%, it is **83, 11.418, 21.754**.

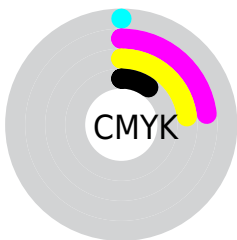
Distribution



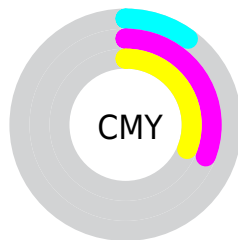
- Red (90%)
- Green (69%)
- Blue (69%)



- Red (90%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 20.710, 22.601 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, 20.710, 22.601 by changing the saturation by 10% instead.

77, 20.710, 22.601

77, 20.710, 22.601

100, 20.710,
22.601

67, 20.710, 22.601

97, 20.710, 22.601

57, 20.710, 22.601

47, 20.710, 22.601

37, 20.710, 22.601

27, 20.710, 22.601

17, 20.710, 22.601

7, 20.710, 22.601

0, 20.710, 22.601

77, 20.710, 22.601

77, 20.710, 22.601

71, 30.690, 23.709

83, 11.418, 21.754

66, 41.297, 25.155

89, 2.821, 20.957

61, 52.372, 27.048

95, 5.119, 200.810

56, 63.648, 29.481

98, 8.446, 198.950

53, 74.732, 32.477

50, 84.987, 35.819

49, 93.056, 38.748

48, 96.563, 40.149

Harmonies

Complementary

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



77, 20.710, 22.601



88, 17.669, 199.962

Rectangle

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



77, 20.710, 22.601



77, 20.710, 72.601



77, 20.710, 202.601



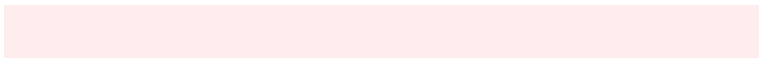
77, 20.710, 252.601

Sweetspot

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



77, 20.708, 22.607



95, 6.286, 21.276



78, 34.153, 326.177



50, 4.095, 21.322



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, 20.708, 22.607



81, 27.345, 23.088



84, 17.932, 74.230



45, 4.728, 21.456



37, 79.726, 40.182



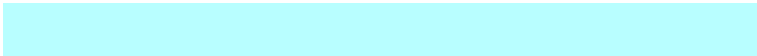
7, 26.747, 22.694

Inverse Universe

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



88, 17.669, 199.962



95, 22.519, 199.781



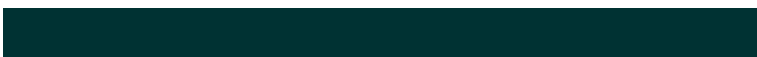
80, 16.943, 260.732



47, 4.451, 200.611



65, 37.355, 199.322



18, 15.738, 198.858

Previews

White Background



This preview shows how the CIELCh color 77, 20.710, 22.601 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, 20.710, 22.601 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, 20.710, 22.601

Background



This preview shows how black text looks on a background with the CIELCh color 77, 20.710, 22.601.



This preview shows how white text looks on a background with the CIELCh color 77, 20.710, 22.601.

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, 20.710, 22.601

Protanopia

77, 4.353, 78.570

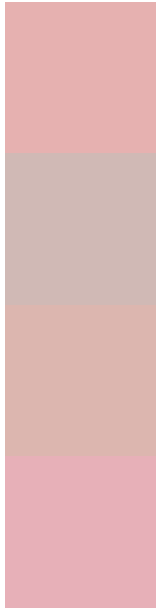
Deuteranopia

77, 12.624, 42.516



Tritanopia
77, 22.863, 2.469

Trichromacy



Original Color
77, 20.710, 22.601

Protanomaly
77, 9.038, 33.679

Deuteranomaly
77, 15.302, 34.589

Tritanomaly
77, 21.513, 9.916

Monochromacy



Original Color
77, 20.710, 22.601

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.540, 19.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 20.710, 22.601 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(230, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(230, 177, 176)  
}
```

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(230, 177, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 177, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 20.710, 22.601 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(230, 177, 176) }
```

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

```
.border{ border-color:rgb(230, 177, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 177, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(230, 177,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 20.710, 22.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 177, 176) }
```

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

```
.background{ background-color: rgb(230,  
177, 176) }
```

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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