

Converting Colors

CIELCh(77, 20.773, 29.847)

Have a look what the booklet for
CIELCh(77, 20.773, 29.847) contains.

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Color

CIELCh(77, 20.773, 29.847)

Conversions

Conversions Part 1

Format	Color
Hex	E6B2AC
RGB	230, 178, 172
RGB Percent	90%, 70%, 67%
CMY	0.0988, 0.3026, 0.3262
CMYK	0.00, 0.23, 0.25, 0.10
HSL	6°, 54%, 79%
HSV	6°, 25%, 90%
XYZ	55.8851, 51.5317, 45.9409
YIQ	192.8640, 32.9180, 9.1580

Conversions

Conversions Part 2

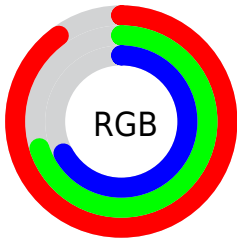
Format	Color
RYB	230, 179, 172
Decimal	15119020
CIELab	77.00, 18.02, 10.34
CIELCh	77, 20.773, 29.847
Yxy	51.5317, 0.3644, 0.3360
Android (android.graphics.Color)	4293309100 (0xFFE6B2AC)
YUV	192.8640, -10.2860, 32.5683
Hunter-Lab	71.7856, 13.3375, 12.3059

Details

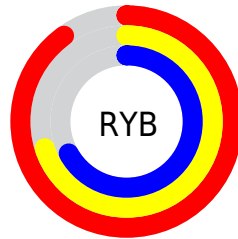
The CIELCh color **77, 20.773, 29.847** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 17.407, 208.786**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.450, 44.879**, and **57, 20.578, 29.374** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.219, 30.563**, and if you desaturate by 10%, it is **83, 12.027, 29.348**.

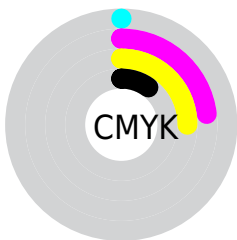
Distribution



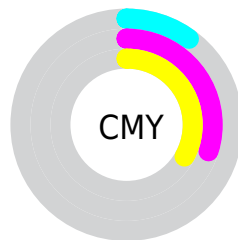
- Red (90%)
- Green (70%)
- Blue (67%)



- Red (90%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 20.773, 29.847 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, 20.773, 29.847 by changing the saturation by 10% instead.

77, 20.773, 29.847

77, 20.773, 29.847

100, 20.773,
29.847

67, 20.773, 29.847

97, 20.773, 29.847

57, 20.773, 29.847

47, 20.773, 29.847

37, 20.773, 29.847

27, 20.773, 29.847

17, 20.773, 29.847

7, 20.773, 29.847

0, 20.773, 29.847

77, 20.773, 29.847

77, 20.773, 29.847

72, 30.219, 30.563

83, 12.027, 29.348

67, 40.351, 31.545

88, 3.963, 28.924

62, 51.076, 32.869

94, 3.469, 209.062

58, 62.205, 34.582

98, 8.585, 198.940

54, 73.379, 36.657

51, 83.882, 38.849

49, 92.143, 40.447

49, 95.077, 41.037

Harmonies

Complementary

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



77, 20.773, 29.847



86, 17.407, 208.786

Rectangle

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



77, 20.773, 29.847



77, 20.773, 79.847



77, 20.773, 209.847



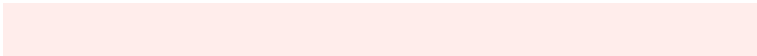
77, 20.773, 259.847

Sweetspot

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



77, 20.771, 29.854



95, 6.670, 29.056



77, 34.651, 328.741



50, 4.770, 29.117



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, 20.771, 29.854



82, 27.424, 30.174



84, 20.458, 82.118



45, 4.373, 29.113



38, 78.415, 41.272



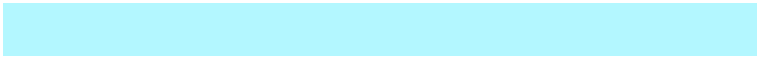
7, 25.197, 27.306

Inverse Universe

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



86, 17.407, 208.786



93, 22.096, 208.823



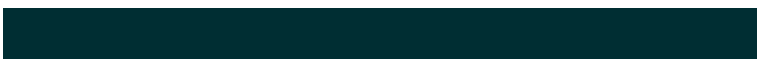
78, 19.887, 269.293



47, 4.113, 208.900



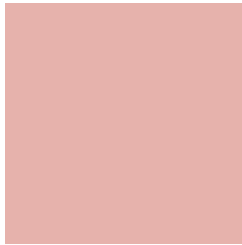
60, 34.070, 214.850



16, 14.481, 211.681

Previews

White Background



This preview shows how the CIELCh color 77, 20.773, 29.847 looks on a white background.

Color Contrast Check

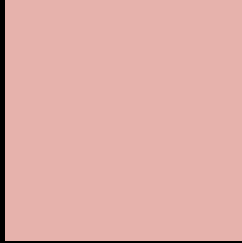
Large Text (above 18pt) WCAG AA × Fail

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, 20.773, 29.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

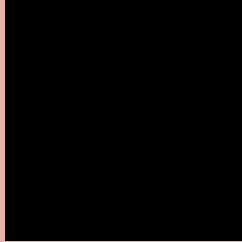
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 20.773, 29.847

Background



This preview shows how black text looks on a background with the CIELCh color 77, 20.773, 29.847.



This preview shows how white text looks on a background with the CIELCh color 77, 20.773, 29.847.

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, 20.773, 29.847

Protanopia

77, 6.930, 86.974

Deuteranopia

77, 14.382, 48.963



Tritanopia
77, 22.863, 2.469

Trichromacy



Original Color
77, 20.773, 29.847

Protanomaly
77, 10.374, 50.864

Deuteranomaly
77, 16.473, 41.282

Tritanomaly
77, 21.460, 11.320

Monochromacy



Original Color
77, 20.773, 29.847

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 7.261, 28.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 20.773, 29.847 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, 178, 172)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 172)  
}
```

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, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 20.773, 29.847 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, 178, 172) }
```

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

```
.border{ border-color:rgb(230, 178, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 178, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 178, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 178, 172); box-shadow:4px 4px 4px 4px rgb(230, 178, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 20.773, 29.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 172) }
```

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

```
.background{ background-color: rgb(230,  
178, 172) }
```

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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