

Converting Colors

CIELCh(77, 19.081, 31.673)

Have a look what the booklet for
CIELCh(77, 19.081, 31.673) contains.

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Color

CIELCh(77, 19.294, 31.980)

Conversions

Conversions Part 1

Format	Color
Hex	E3B3AC
RGB	227, 179, 172
RGB Percent	89%, 70%, 67%
CMY	0.1099, 0.2981, 0.3256
CMYK	0.00, 0.21, 0.24, 0.11
HSL	8°, 50%, 78%
HSV	8°, 24%, 89%
XYZ	55.2266, 51.5317, 46.0511
YIQ	192.5540, 30.8550, 7.9990

Conversions

Conversions Part 2

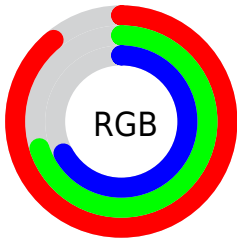
Format	Color
R _Y B	227, 180, 172
Decimal	14922668
CIE Lab	77.00, 16.37, 10.22
CIE LCh	77, 19.294, 31.980
Yxy	51.5317, 0.3614, 0.3372
Android (android.graphics.Color)	4293112748 (0xFFE3B3AC)
YUV	192.5540, -10.1331, 30.2091
Hunter-Lab	71.7856, 11.7000, 12.2149

Details

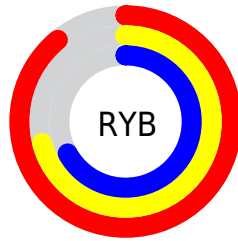
The CIELCh color **77, 19.294, 31.980** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 16.297, 211.525**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.358, 49.072**, and **57, 19.409, 31.362** is the 20% darker color. If you saturate the color by 10%, you get **72, 28.413, 32.538**, and if you desaturate by 10%, it is **82, 10.865, 31.617**.

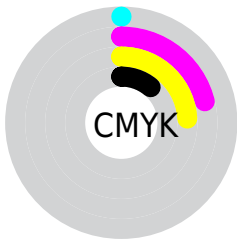
Distribution



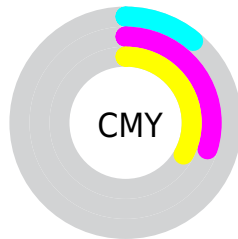
- Red (89%)
- Green (70%)
- Blue (67%)



- Red (89%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 19.294, 31.980 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, 19.294, 31.980 by changing the saturation by 10% instead.

77, 19.294, 31.980

77, 19.294, 31.980

100, 19.294,
31.980

67, 19.294, 31.980

97, 19.294, 31.980

57, 19.294, 31.980

47, 19.294, 31.980

37, 19.294, 31.980

27, 19.294, 31.980

17, 19.294, 31.980

7, 19.294, 31.980

0, 19.294, 31.980

77, 19.294, 31.980

77, 19.294, 31.980

72, 28.413, 32.538

82, 10.865, 31.617

67, 38.224, 33.332

88, 3.099, 31.278

62, 48.662, 34.429

93, 4.060, 211.538

58, 59.570, 35.873

98, 9.524, 198.873

54, 70.636, 37.641

51, 81.212, 39.527

49, 89.876, 40.914

49, 93.596, 41.449

Harmonies

Complementary

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



77, 19.294, 31.980



85, 16.297, 211.525

Rectangle

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



77, 19.294, 31.980



77, 19.294, 81.980



77, 19.294, 211.980



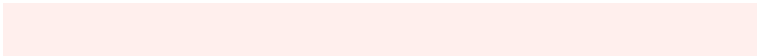
77, 19.294, 261.980

Sweetspot

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



77, 19.292, 31.987



96, 5.701, 31.401



77, 32.569, 329.211



51, 3.713, 31.421



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, 19.292, 31.987



83, 25.908, 32.234



84, 19.679, 83.758



45, 4.289, 31.476



38, 77.896, 41.714



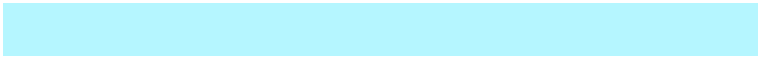
8, 24.788, 28.708

Inverse Universe

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



85, 16.297, 211.525



93, 21.044, 211.625



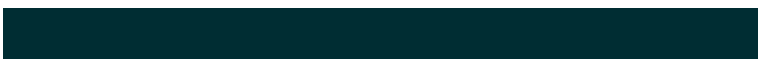
78, 19.264, 270.587



47, 4.034, 211.462



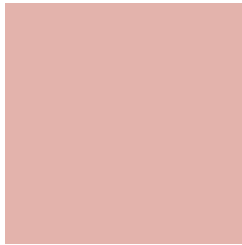
59, 33.593, 219.761



16, 14.255, 215.704

Previews

White Background



This preview shows how the CIELCh color 77, 19.294, 31.980 looks on a white background.

Color Contrast Check

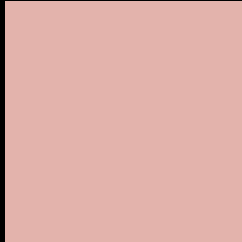
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 19.294, 31.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

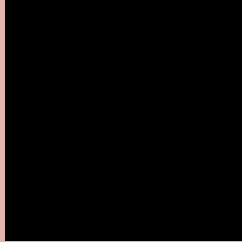
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 19.294, 31.980

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.294, 31.980.



This preview shows how white text looks on a background with the CIELCh color 77, 19.294, 31.980.

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, 19.294, 31.980

Protanopia

77, 6.930, 86.974

Deuteranopia

77, 14.382, 48.963



Tritanopia
77, 21.388, 0.933

Trichromacy



Original Color
77, 19.294, 31.980

Protanomaly
77, 10.038, 52.000

Deuteranomaly
77, 16.096, 41.768

Tritanomaly
77, 19.841, 11.886

Monochromacy



Original Color
77, 19.294, 31.980

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.615, 33.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 19.294, 31.980 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(227, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(227, 179, 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(227, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 179, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.294, 31.980 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(227, 179, 172) }
```

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

```
.border{ border-color:rgb(227, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(227, 179,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.294, 31.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 179, 172) }
```

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

```
.background{ background-color: rgb(227,  
179, 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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