

Converting Colors

CIELCh(77, 31.326, 62.160)

Have a look what the booklet for
CIELCh(77, 31.326, 62.160) contains.

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Color

CIELCh(77, 31.117, 61.988)

Conversions

Conversions Part 1

Format	Color
Hex	E9B38C
RGB	233, 179, 140
RGB Percent	91%, 70%, 55%
CMY	0.0858, 0.2975, 0.4505
CMYK	0.00, 0.23, 0.40, 0.09
HSL	25°, 68%, 73%
HSV	25°, 40%, 91%
XYZ	54.5340, 51.5317, 31.9288
YIQ	190.7000, 44.7030, -0.6810

Conversions

Conversions Part 2

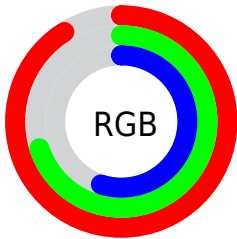
Format	Color
R _Y B	233, 207, 140
Decimal	15315852
CIE Lab	77.00, 14.61, 27.47
CIE LCh	77, 31.117, 61.988
Yxy	51.5317, 0.3952, 0.3734
Android (android.graphics.Color)	4293505932 (0xFFE9B38C)
YUV	190.7000, -24.9951, 37.0971
Hunter-Lab	71.7856, 9.9778, 23.8789

Details

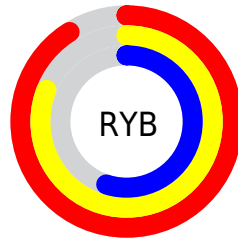
The CIELCh color **77, 31.117, 61.988** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 26.121, 252.628**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 22.389, 88.481**, and **57, 31.161, 62.274** is the 20% darker color. If you saturate the color by 10%, you get **73, 40.125, 61.000**, and if you desaturate by 10%, it is **81, 22.601, 63.016**.

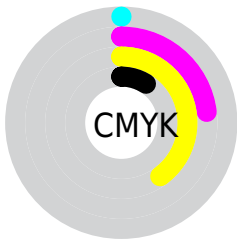
Distribution



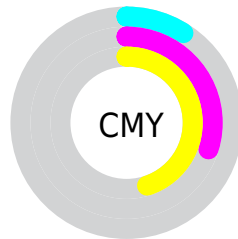
- Red (91%)
- Green (70%)
- Blue (55%)



- Red (91%)
- Yellow (81%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (9%)



- Cyan (9%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 31.117, 61.988 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, 31.117, 61.988 by changing the saturation by 10% instead.

77, 31.117, 61.988

77, 31.117, 61.988

100, 31.117,
61.988

67, 31.117, 61.988

97, 31.117, 61.988

57, 31.117, 61.988

47, 31.117, 61.988

37, 31.117, 61.988

27, 31.117, 61.988

17, 31.117, 61.988

7, 31.117, 61.988

0, 31.117, 61.988

77, 31.117, 61.988

77, 31.117, 61.988

73, 40.125, 61.000

81, 22.601, 63.016

70, 49.560, 60.025

85, 14.584, 64.059

67, 59.221, 59.017

88, 7.037, 65.094

64, 68.647, 57.845

92, 0.079, 252.378

61, 76.917, 56.218

96, 6.218, 241.785

58, 83.087, 53.882

98, 7.477, 199.021

58, 83.149, 53.860

Harmonies

Complementary

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



77, 31.117, 61.988



76, 26.121, 252.628

Rectangle

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



77, 31.117, 61.988



77, 31.117, 111.988



77, 31.117, 241.988



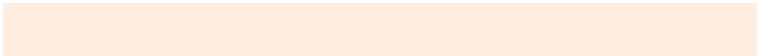
77, 31.117, 291.988

Sweetspot

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



77, 31.117, 61.994



95, 9.236, 64.874



70, 44.478, 342.983



50, 6.151, 64.739



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, 31.117, 61.994



80, 41.304, 61.164



89, 43.617, 102.394



47, 4.055, 65.137



46, 68.464, 54.512



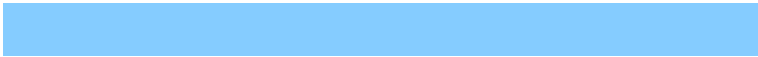
12, 22.419, 52.475

Inverse Universe

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



76, 26.121, 252.628



79, 33.236, 254.702



64, 47.533, 292.290



47, 3.917, 247.404



43, 47.332, 274.863



11, 17.946, 266.059

Previews

White Background



This preview shows how the CIELCh color 77, 31.117, 61.988 looks on a white background.

Color Contrast Check

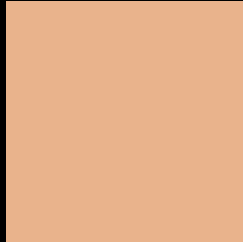
Large Text (above 18pt) WCAG AA × Fail

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, 31.117, 61.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

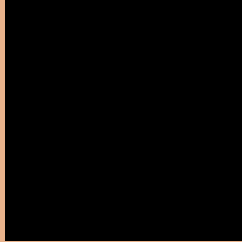
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 31.117, 61.988

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.117, 61.988.



This preview shows how white text looks on a background with the CIELCh color 77, 31.117, 61.988.

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, 31.117, 61.988

Protanopia

77, 24.633, 94.594

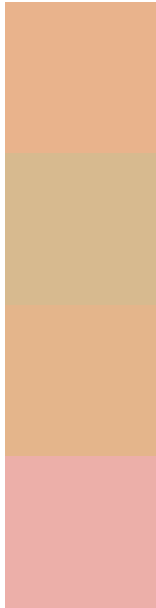
Deuteranopia

77, 29.424, 70.637



Tritanopia
77, 25.771, 6.237

Trichromacy



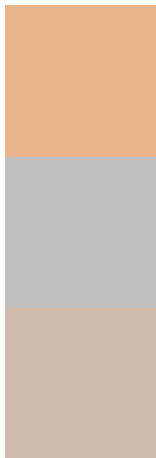
Original Color
77, 31.117, 61.988

Protanomaly
77, 25.987, 80.758

Deuteranomaly
77, 30.143, 67.632

Tritanomaly
77, 24.480, 28.841

Monochromacy



Original Color
77, 31.117, 61.988

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 10.907, 66.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 31.117, 61.988 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(233, 179, 140)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 140)  
}
```

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(233, 179, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.117, 61.988 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(233, 179, 140) }
```

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

```
.border{ border-color:rgb(233, 179, 140) }
```

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

Here you see how a box with a 4 pixel rgb(233, 179, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 140);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.117, 61.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 140) }
```

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

```
.background{ background-color: rgb(233,  
179, 140) }
```

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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