

Converting Colors

CIELCh(77, 31.409, 55.918)

Have a look what the booklet for
CIELCh(77, 31.409, 55.918) contains.

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Color

CIELCh(77, 31.318, 55.861)

Conversions

Conversions Part 1

Format	Color
Hex	EDB18F
RGB	237, 177, 143
RGB Percent	93%, 69%, 56%
CMY	0.0699, 0.3052, 0.4386
CMYK	0.00, 0.25, 0.40, 0.07
HSL	22°, 73%, 75%
HSV	22°, 40%, 93%
XYZ	55.7085, 51.5317, 33.0595
YIQ	191.0640, 46.6740, 2.1460

Conversions

Conversions Part 2

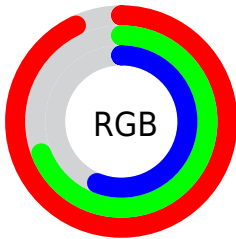
Format	Color
R _Y B	237, 196, 143
Decimal	15577487
CIE Lab	77.00, 17.58, 25.92
CIE LCh	77, 31.318, 55.861
Yxy	51.5317, 0.3971, 0.3673
Android (android.graphics.Color)	4293767567 (0xFFEDB18F)
YUV	191.0640, -23.6956, 40.2859
Hunter-Lab	71.7856, 12.8982, 22.9450

Details

The CIELCh color **77, 31.318, 55.861** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 25.267, 244.840**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 20.331, 84.294**, and **57, 31.409, 55.918** is the 20% darker color. If you saturate the color by 10%, you get **73, 40.627, 55.173**, and if you desaturate by 10%, it is **81, 22.595, 56.629**.

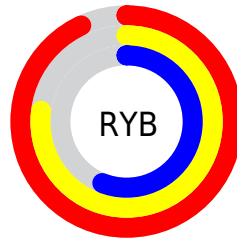
Distribution



Red (93%)

Green (69%)

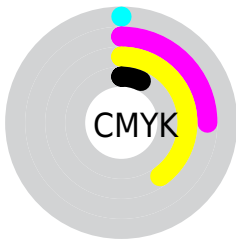
Blue (56%)



Red (93%)

Yellow (77%)

Blue (56%)

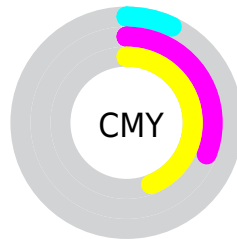


Cyan (0%)

Magenta (25%)

Yellow (40%)

Black (7%)



Cyan (7%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 31.318, 55.861 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, 31.318, 55.861 by changing the saturation by 10% instead.

77, 31.318, 55.861

77, 31.318, 55.861

100, 31.318,
55.861

67, 31.318, 55.861

97, 31.318, 55.861

57, 31.318, 55.861

47, 31.318, 55.861

37, 31.318, 55.861

27, 31.318, 55.861

17, 31.318, 55.861

7, 31.318, 55.861

0, 31.318, 55.861

77, 31.318, 55.861

77, 31.318, 55.861

73, 40.627, 55.173

81, 22.595, 56.629

69, 50.471, 54.543

85, 14.452, 57.444

66, 60.669, 53.935

90, 6.852, 58.275

62, 70.781, 53.219

94, 0.254, 241.359

59, 79.868, 52.085

98, 5.473, 210.719

57, 86.772, 50.207

99, 6.118, 199.126

57, 87.011, 50.148

Harmonies

Complementary

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



77, 31.318, 55.861



79, 25.267, 244.840

Rectangle

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



77, 31.318, 55.861



77, 31.318, 105.861



77, 31.318, 235.861



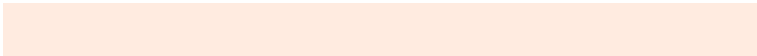
77, 31.318, 285.861

Sweetspot

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



77, 31.317, 55.867



94, 9.121, 58.078



71, 46.765, 339.595



50, 6.077, 57.969



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, 31.317, 55.867



79, 41.451, 55.269



88, 41.357, 98.764



48, 4.071, 58.288



44, 71.405, 50.755



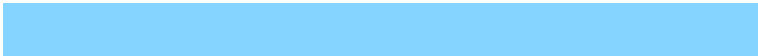
12, 24.131, 47.442

Inverse Universe

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



79, 25.267, 244.840



81, 31.658, 246.794



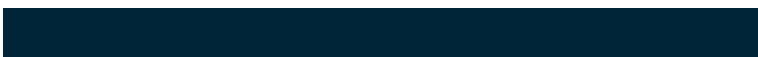
67, 44.235, 289.168



48, 3.899, 240.247



47, 42.672, 266.690



13, 17.013, 258.207

Previews

White Background



This preview shows how the CIELCh color 77, 31.318, 55.861 looks on a white background.

Color Contrast Check

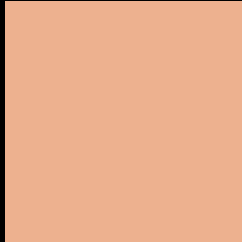
Large Text (above 18pt) WCAG AA × Fail

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, 31.318, 55.861 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, 31.318, 55.861

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.318, 55.861.



This preview shows how white text looks on a background with the CIELCh color 77, 31.318, 55.861.

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, 31.318, 55.861

Protanopia

77, 22.473, 94.649

Deuteranopia

77, 28.240, 70.187



Tritanopia
77, 27.793, 6.487

Trichromacy



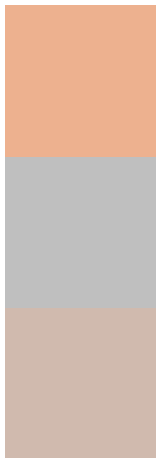
Original Color
77, 31.318, 55.861

Protanomaly
77, 23.851, 77.389

Deuteranomaly
77, 29.176, 65.268

Tritanomaly
77, 26.637, 25.070

Monochromacy



Original Color
77, 31.318, 55.861

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 10.679, 56.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 31.318, 55.861 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(237, 177, 143)` looks like.

```
.text, #text, p{  
    color:rgb(237, 177, 143)  
}
```

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(237, 177, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 177, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.318, 55.861 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(237, 177, 143) }
```

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

```
.border{ border-color:rgb(237, 177, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 177, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 177, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 177, 143);  
box-shadow:4px 4px 4px 4px rgb(237, 177,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.318, 55.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 177, 143) }
```

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

```
.background{ background-color: rgb(237,  
177, 143) }
```

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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