

Converting Colors

CIELCh(77, 21.506, 37.500)

Have a look what the booklet for
CIELCh(77, 21.506, 37.500) contains.

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Color

CIELCh(77, 21.596, 36.647)

Conversions

Conversions Part 1

Format	Color
Hex	E6B2A7
RGB	230, 178, 167
RGB Percent	90%, 70%, 65%
CMY	0.0975, 0.3014, 0.3446
CMYK	0.00, 0.23, 0.27, 0.10
HSL	10°, 56%, 78%
HSV	10°, 27%, 90%
XYZ	55.6092, 51.5317, 43.6360
YIQ	192.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

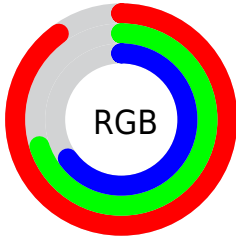
Format	Color
R _Y B	230, 180, 167
Decimal	15119015
CIE Lab	77.00, 17.33, 12.89
CIE LCh	77, 21.596, 36.647
Yxy	51.5317, 0.3688, 0.3418
Android (android.graphics.Color)	4293309095 (0xFFE6B2A7)
YUV	192.2940, -12.4699, 33.0682
Hunter-Lab	71.7856, 12.6514, 14.2096

Details

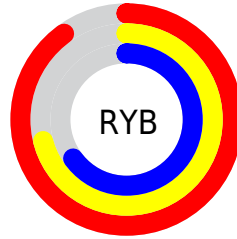
The CIELCh color **77, 21.596, 36.647** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 17.839, 217.423**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 9.870, 58.224**, and **57, 21.492, 36.598** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.746, 36.986**, and if you desaturate by 10%, it is **82, 13.142, 36.489**.

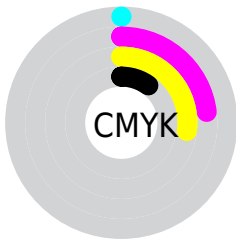
Distribution



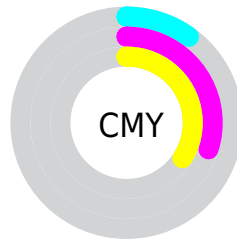
- Red (90%)
- Green (70%)
- Blue (65%)



- Red (90%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (27%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 21.596, 36.647 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, 21.596, 36.647 by changing the saturation by 10% instead.

77, 21.596, 36.647

77, 21.596, 36.647

100, 21.596,
36.647

67, 21.596, 36.647

97, 21.596, 36.647

57, 21.596, 36.647

47, 21.596, 36.647

37, 21.596, 36.647

27, 21.596, 36.647

17, 21.596, 36.647

7, 21.596, 36.647

0, 21.596, 36.647

77, 21.596, 36.647

77, 21.596, 36.647

72, 30.746, 36.986

82, 13.142, 36.489

67, 40.595, 37.536

87, 5.352, 36.412

63, 51.082, 38.344

93, 1.828, 216.952

59, 62.040, 39.426

98, 8.175, 202.171

55, 73.098, 40.706

98, 8.476, 198.948

53, 83.431, 41.894

50, 91.384, 42.331

50, 93.163, 42.471

Harmonies

Complementary

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



77, 21.596, 36.647



84, 17.839, 217.423

Rectangle

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



77, 21.596, 36.647



77, 21.596, 86.647



77, 21.596, 216.647



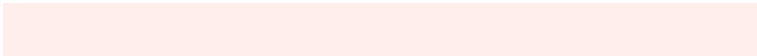
77, 21.596, 266.647

Sweetspot

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



77, 21.595, 36.654



95, 6.323, 36.419



76, 35.941, 331.088



50, 4.522, 36.431



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, 21.595, 36.654



81, 28.986, 36.823



85, 23.543, 87.596



45, 4.146, 36.430



39, 76.645, 42.828



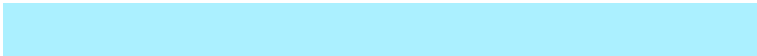
8, 24.019, 31.633

Inverse Universe

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



84, 17.839, 217.423



91, 22.847, 217.758



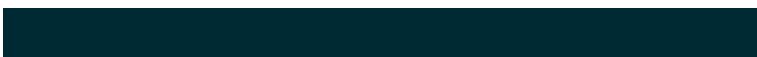
76, 23.399, 275.292



47, 3.904, 216.831



56, 33.342, 229.934



15, 14.002, 224.100

Previews

White Background



This preview shows how the CIELCh color 77, 21.596, 36.647 looks on a white background.

Color Contrast Check

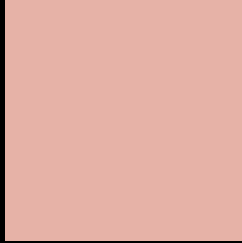
Large Text (above 18pt) WCAG AA × Fail

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, 21.596, 36.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

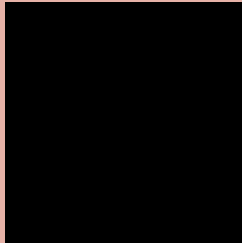
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 21.596, 36.647

Background



This preview shows how black text looks on a background with the CIELCh color 77, 21.596, 36.647.

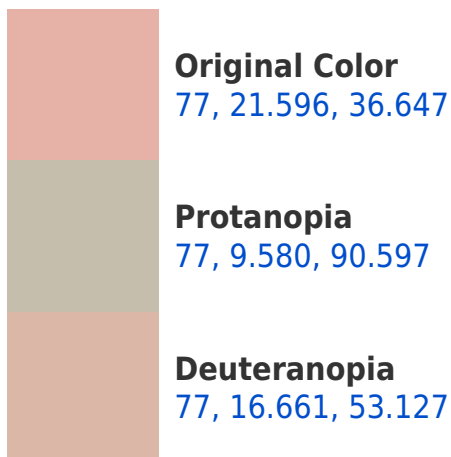


This preview shows how white text looks on a background with the CIELCh color 77, 21.596, 36.647.

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





Tritanopia
77, 22.739, 3.762

Trichromacy



Original Color
77, 21.596, 36.647

Protanomaly
77, 12.356, 60.205

Deuteranomaly
77, 18.242, 46.427

Tritanomaly
77, 21.385, 15.565

Monochromacy



Original Color
77, 21.596, 36.647

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 7.520, 36.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 21.596, 36.647 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 21.596, 36.647 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, 167) }
```

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

```
.border{ border-color:rgb(230, 178, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 21.596, 36.647 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, 167) }
```

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

```
.background{ background-color: rgb(230,  
178, 167) }
```

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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