

Converting Colors

CIELCh(90, 6.113, 77.144)

Have a look what the booklet for
CIELCh(90, 6.113, 77.144) contains.

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Color

CIELCh(90, 6.119, 77.140)

Conversions

Conversions Part 1

Format	Color
Hex	EAE1D7
RGB	234, 225, 215
RGB Percent	92%, 88%, 84%
CMY	0.0821, 0.1173, 0.1566
CMYK	0.00, 0.04, 0.08, 0.08
HSL	32°, 31%, 88%
HSV	32°, 8%, 92%
XYZ	73.1745, 76.3034, 75.2083
YIQ	226.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

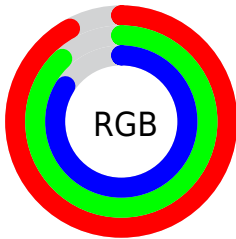
Format	Color
RYP	232, 234, 215
Decimal	15393239
CIE Lab	90.00, 1.36, 5.97
CIE LCh	90, 6.119, 77.140
Yxy	76.3034, 0.3257, 0.3396
Android (android.graphics.Color)	4293583319 (0xFFEAE1D7)
YUV	226.5510, -5.6946, 6.5328
Hunter-Lab	87.3518, -3.3363, 10.0986

Details

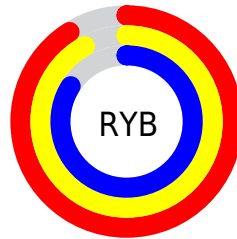
The CIELCh color **90, 6.119, 77.140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 6.030, 259.369**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 6.263, 79.881** is the 20% darker color. If you saturate the color by 10%, you get **87, 13.958, 75.925**, and if you desaturate by 10%, it is **93, 1.401, 258.749**.

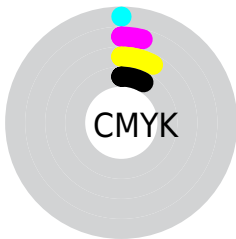
Distribution



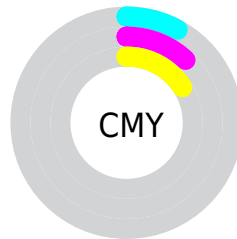
- Red (92%)
- Green (88%)
- Blue (84%)



- Red (91%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 6.119, 77.140 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 90, 6.119, 77.140 by changing the saturation by 10% instead.

 90, 6.119, 77.140

 90, 6.119, 77.140

 100, 6.119, 77.140

 80, 6.119, 77.140

 70, 6.119, 77.140

 60, 6.119, 77.140


 50, 6.119, 77.140

 40, 6.119, 77.140

 30, 6.119, 77.140

 20, 6.119, 77.140

 10, 6.119, 77.140

 0, 6.119, 77.140

90, 6.119, 77.140

90, 6.119, 77.140

87, 13.958, 75.925

93, 1.401, 258.749

83, 22.133, 74.635

97, 5.947, 241.256

80, 30.653, 73.320

99, 7.162, 199.045

77, 39.489, 71.982

74, 48.545, 70.608

71, 57.599, 69.152

69, 66.184, 67.512

66, 73.463, 65.470

64, 78.452, 62.735

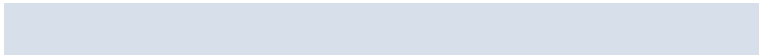
Harmonies

Complementary

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



90, 6.119, 77.140



89, 6.030, 259.369

Rectangle

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



90, 6.119, 77.140



90, 6.119, 127.140



90, 6.119, 257.140



90, 6.119, 307.140

Sweetspot

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



90, 6.120, 77.163



99, 1.589, 77.729



88, 8.393, 345.192



53, 0.903, 77.727



0, 0.000, 0.000



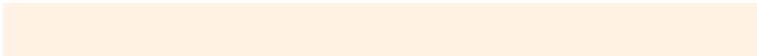
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 6.120, 77.163



96, 8.115, 76.932



92, 9.777, 110.067



47, 4.303, 77.002



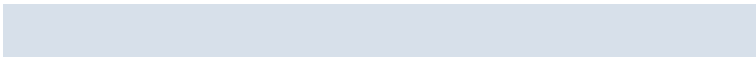
50, 65.235, 62.881



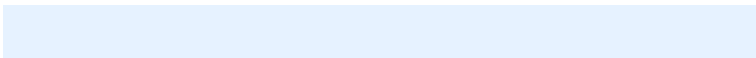
13, 22.212, 63.796

Inverse Universe

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



89, 6.030, 259.369



95, 7.957, 259.632



87, 9.970, 291.648



47, 4.226, 259.552



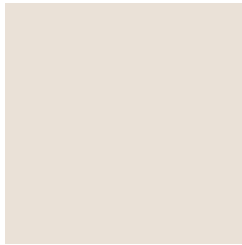
38, 58.775, 286.499



9, 21.558, 278.581

Previews

White Background



This preview shows how the CIELCh color 90, 6.119, 77.140 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 90, 6.119, 77.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

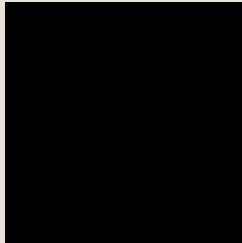
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

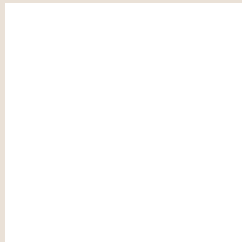
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.119, 77.140

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.119, 77.140.

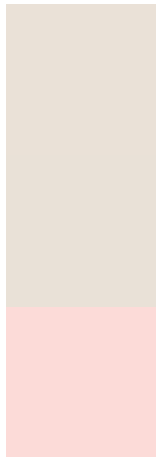


This preview shows how white text looks on a background with the CIELCh color 90, 6.119, 77.140.

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

90, 6.119, 77.140

Protanopia

90, 5.930, 80.151

Deuteranopia

90, 12.322, 27.426



Tritanopia
90, 10.988, 321.739

Trichromacy



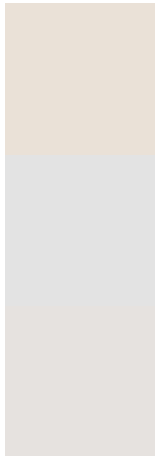
Original Color
90, 6.119, 77.140

Protanomaly
90, 5.930, 80.151

Deuteranomaly
90, 9.216, 36.204

Tritanomaly
90, 6.543, 340.386

Monochromacy



Original Color
90, 6.119, 77.140

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.102, 66.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.119, 77.140 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(234, 225, 215)` looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 215)  
}
```

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(234, 225, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.119, 77.140 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(234, 225, 215) }
```

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

```
.border{ border-color:rgb(234, 225, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 215);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.119, 77.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 215) }
```

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

```
.background{ background-color: rgb(234,  
225, 215) }
```

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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