

Converting Colors

CIELCh(82, 16.505, 11.714)

Have a look what the booklet for
CIELCh(82, 16.505, 11.714) contains.

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Color

CIELCh(82, 16.791, 11.755)

Conversions

Conversions Part 1

Format	Color
Hex	EDC1C6
RGB	237, 193, 198
RGB Percent	93%, 76%, 78%
CMY	0.0701, 0.2427, 0.2231
CMYK	0.00, 0.19, 0.16, 0.07
HSL	353°, 55%, 84%
HSV	353°, 19%, 93%
XYZ	64.2665, 60.2982, 61.7470
YIQ	206.7260, 24.6190, 10.8830

Conversions

Conversions Part 2

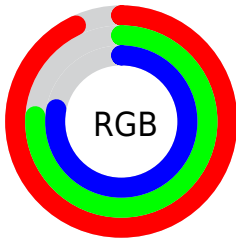
Format	Color
R_{YB}	237, 193, 198
Decimal	15581638
CIE _{Lab}	82.00, 16.44, 3.42
CIE _{LCh}	82, 16.791, 11.755
Yxy	60.2982, 0.3449, 0.3236
Android (android.graphics.Color)	4293771718 (0xFFEDC1C6)
YUV	206.7260, -4.3019, 26.5503
Hunter-Lab	77.6519, 11.8398, 7.2103

Details

The CIELCh color **82, 16.791, 11.755** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 15.262, 188.601**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **62, 17.089, 11.837** is the 20% darker color. If you saturate the color by 10%, you get **76, 26.623, 13.017**, and if you desaturate by 10%, it is **88, 7.499, 10.703**.

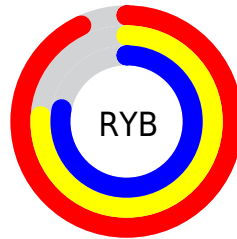
Distribution



Red (93%)

Green (76%)

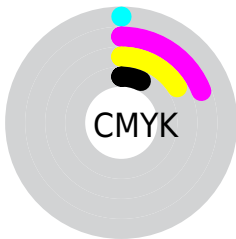
Blue (78%)



Red (93%)

Yellow (76%)

Blue (78%)

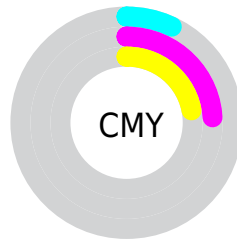


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (24%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 16.791, 11.755 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 82, 16.791, 11.755 by changing the saturation by 10% instead.

 82, 16.791, 11.755

 82, 16.791, 11.755

 100, 16.791,
11.755

 72, 16.791, 11.755

 62, 16.791, 11.755


 52, 16.791, 11.755

 42, 16.791, 11.755

 32, 16.791, 11.755

 22, 16.791, 11.755

 12, 16.791, 11.755

 2, 16.791, 11.755

 0, 16.791, 11.755

82, 16.791, 11.755

82, 16.791, 11.755

76, 26.623, 13.017

88, 7.499, 10.703

70, 36.908, 14.573

95, 1.221, 190.439

65, 47.460, 16.535

99, 6.137, 199.125

60, 57.995, 19.036

56, 68.149, 22.211

53, 77.564, 26.140

51, 85.953, 30.705

50, 92.972, 35.309

50, 93.886, 35.869

Harmonies

Complementary

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



82, 16.791, 11.755



91, 15.262, 188.601

Rectangle

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



82, 16.791, 11.755



82, 16.791, 61.755



82, 16.791, 191.755



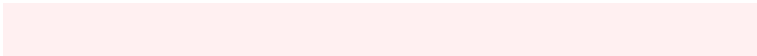
82, 16.791, 241.755

Sweetspot

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



82, 16.789, 11.762



96, 5.533, 10.441



83, 27.046, 322.125



51, 3.678, 10.510



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 16.789, 11.762



85, 21.344, 12.177



86, 13.628, 60.045



46, 4.950, 10.795



38, 75.990, 35.055



7, 28.112, 18.065

Inverse Universe

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



82, 16.789, 11.762



85, 21.344, 12.177



86, 12.519, 244.096



46, 4.950, 10.795



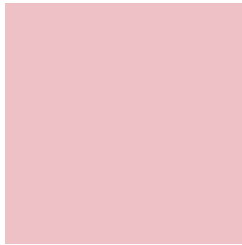
38, 75.990, 35.055



7, 28.112, 18.065

Previews

White Background



This preview shows how the CIELCh color 82, 16.791, 11.755 looks on a white background.

Color Contrast Check

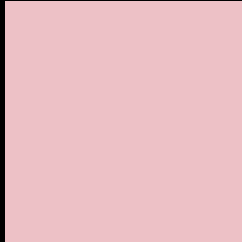
Large Text (above 18pt) WCAG AA × Fail

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 82, 16.791, 11.755 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 82, 16.791, 11.755

Background



This preview shows how black text looks on a background with the CIELCh color 82, 16.791, 11.755.



This preview shows how white text looks on a background with the CIELCh color 82, 16.791, 11.755.

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


82, 16.791, 11.755

Protanopia

82, 1.911, 3.191

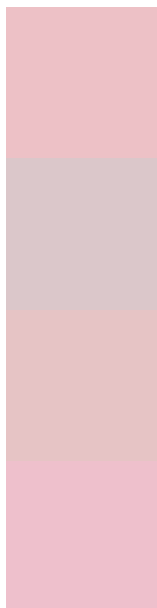
Deuteranopia

82, 10.892, 20.206



Tritanopia
82, 18.790, 356.117

Trichromacy



Original Color
82, 16.791, 11.755

Protanomaly
82, 7.580, 7.884

Deuteranomaly
82, 12.812, 18.027

Tritanomaly
82, 18.268, 0.700

Monochromacy



Original Color
82, 16.791, 11.755

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 5.999, 9.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 16.791, 11.755 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, 193, 198)` looks like.

```
.text, #text, p{  
    color:rgb(237, 193, 198)  
}
```

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, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 193, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 16.791, 11.755 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, 193, 198) }
```

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

```
.border{ border-color:rgb(237, 193, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(237, 193,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 16.791, 11.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 193, 198) }
```

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

```
.background{ background-color: rgb(237,  
193, 198) }
```

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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