

Converting Colors

CIELCh(82, 13.340, 19.166)

Have a look what the booklet for
CIELCh(82, 13.340, 19.166) contains.

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Color

CIELCh(82, 13.213, 20.402)

Conversions

Conversions Part 1

Format	Color
Hex	E7C4C4
RGB	231, 196, 196
RGB Percent	91%, 77%, 77%
CMY	0.0951, 0.2323, 0.2323
CMYK	0.00, 0.15, 0.15, 0.10
HSL	0°, 42%, 84%
HSV	0°, 15%, 90%
XYZ	62.5016, 60.2982, 60.4302
YIQ	206.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

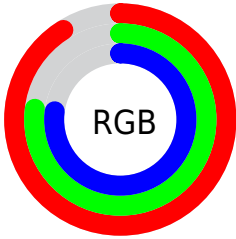
Format	Color
R _Y B	231, 196, 196
Decimal	15189188
CIE Lab	82.00, 12.38, 4.61
CIE LCh	82, 13.213, 20.402
Yxy	60.2982, 0.3411, 0.3291
Android (android.graphics.Color)	4293379268 (0xFFE7C4C4)
YUV	206.4650, -5.1592, 21.5172
Hunter-Lab	77.6519, 7.7827, 8.2158

Details

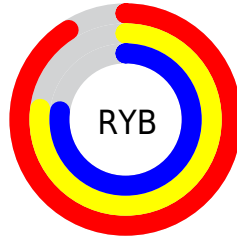
The CIELCh color **82, 13.213, 20.402** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 11.976, 198.652**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 0.701, 18.511**, and **62, 13.297, 20.702** is the 20% darker color. If you saturate the color by 10%, you get **76, 22.797, 21.375**, and if you desaturate by 10%, it is **88, 4.324, 19.588**.

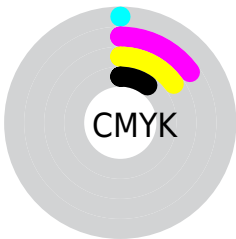
Distribution



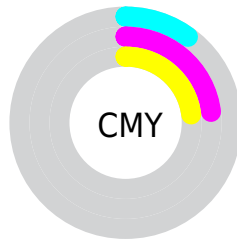
- Red (91%)
- Green (77%)
- Blue (77%)



- Red (91%)
- Yellow (77%)
- Blue (77%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (10%)



- Cyan (10%)
- Magenta (23%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 13.213, 20.402 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, 13.213, 20.402 by changing the saturation by 10% instead.

 82, 13.213, 20.402

 82, 13.213, 20.402

 100, 13.213,
20.402

 72, 13.213, 20.402

 62, 13.213, 20.402

 52, 13.213, 20.402

 42, 13.213, 20.402

 32, 13.213, 20.402

 22, 13.213, 20.402

 12, 13.213, 20.402

 2, 13.213, 20.402

 0, 13.213, 20.402

82, 13.213, 20.402

82, 13.213, 20.402

76, 22.797, 21.375

88, 4.324, 19.588

70, 33.061, 22.618

95, 3.891, 199.321

65, 43.905, 24.241

98, 8.269, 198.963

60, 55.130, 26.359

55, 66.424, 29.069

52, 77.351, 32.372

50, 87.209, 35.970

49, 94.465, 38.936

48, 96.965, 40.001

Harmonies

Complementary

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



82, 13.213, 20.402



89, 11.976, 198.652

Rectangle

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



82, 13.213, 20.402



82, 13.213, 70.402



82, 13.213, 200.402



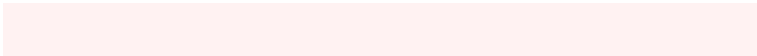
82, 13.213, 250.402

Sweetspot

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



82, 13.211, 20.411



97, 4.538, 19.575



83, 22.334, 325.263



51, 3.105, 19.639



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, 13.211, 20.411



88, 17.204, 20.671



86, 11.279, 73.520



45, 4.816, 19.943



37, 79.983, 39.973



6, 27.103, 21.763

Inverse Universe

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



89, 11.976, 198.652



97, 15.281, 198.498



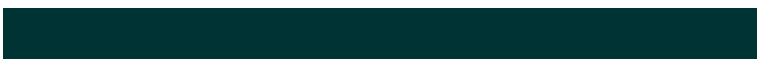
85, 10.850, 257.540



47, 4.536, 198.978



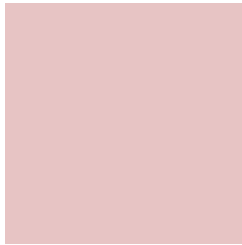
66, 38.341, 196.402



18, 16.090, 196.400

Previews

White Background



This preview shows how the CIELCh color 82, 13.213, 20.402 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, 13.213, 20.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

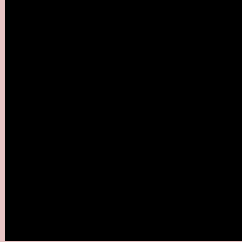
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 13.213, 20.402

Background



This preview shows how black text looks on a background with the CIELCh color 82, 13.213, 20.402.

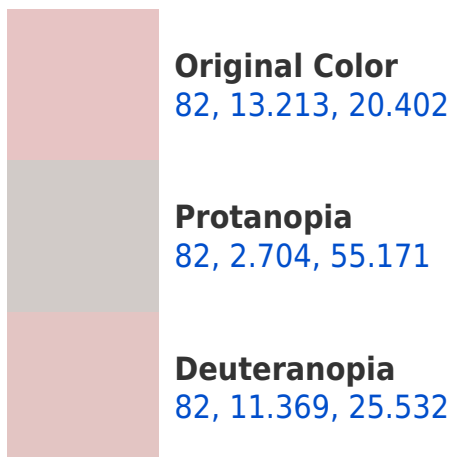


This preview shows how white text looks on a background with the CIELCh color 82, 13.213, 20.402.

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](#).

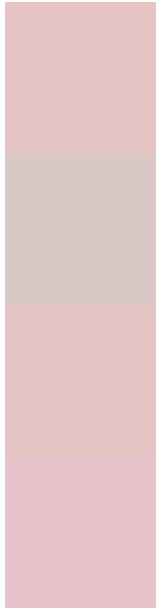
Dichromacy





Tritanopia
82, 16.094, 351.275

Trichromacy



Original Color
82, 13.213, 20.402

Protanomaly
82, 6.413, 29.255

Deuteranomaly
82, 11.753, 25.388

Tritanomaly
82, 14.558, 1.579

Monochromacy



Original Color
82, 13.213, 20.402

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 4.798, 19.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 13.213, 20.402 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(231, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(231, 196, 196)  
}
```

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(231, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 196, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 13.213, 20.402 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(231, 196, 196) }
```

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

```
.border{ border-color:rgb(231, 196, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(231, 196,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 13.213, 20.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 196, 196) }
```

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

```
.background{ background-color: rgb(231,  
196, 196) }
```

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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