

Converting Colors

CIELCh(82, 20.143, 15.687)

Have a look what the booklet for
CIELCh(82, 20.143, 15.687) contains.

CIELCh(82, 20.255, 16.591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(82, 20.255, 16.591)

Conversions

Conversions Part 1

Format	Color
Hex	F4BFC2
RGB	244, 191, 194
RGB Percent	96%, 75%, 76%
CMY	0.0437, 0.2515, 0.2397
CMYK	0.00, 0.22, 0.21, 0.04
HSL	357°, 70%, 85%
HSV	357°, 22%, 96%
XYZ	65.5814, 60.2982, 59.1407
YIQ	207.1890, 30.6250, 12.1690

Conversions

Conversions Part 2

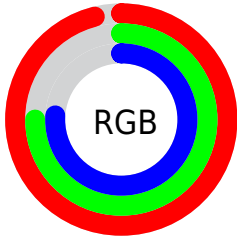
Format	Color
R _Y B	244, 191, 194
Decimal	16039874
CIE Lab	82.00, 19.41, 5.78
CIE LCh	82, 20.255, 16.591
Yxy	60.2982, 0.3545, 0.3259
Android (android.graphics.Color)	4294229954 (0xFFFF4BFC2)
YUV	207.1890, -6.5022, 32.2832
Hunter-Lab	77.6519, 14.8625, 9.2003

Details

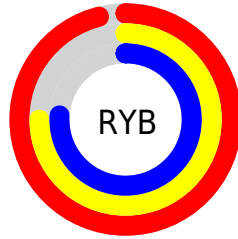
The CIELCh color **82, 20.255, 16.591** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 17.794, 193.261**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.680, 356.996**, and **62, 20.403, 16.870** is the 20% darker color. If you saturate the color by 10%, you get **76, 30.585, 17.860**, and if you desaturate by 10%, it is **88, 10.550, 15.576**.

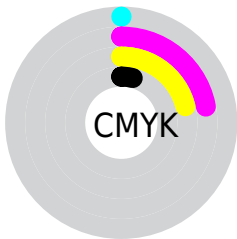
Distribution



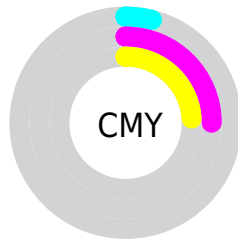
- Red (96%)
- Green (75%)
- Blue (76%)



- Red (96%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (4%)



- Cyan (4%)
- Magenta (25%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 20.255, 16.591 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, 20.255, 16.591 by changing the saturation by 10% instead.

 82, 20.255, 16.591

 82, 20.255, 16.591

 100, 20.255,
16.591

 72, 20.255, 16.591

 62, 20.255, 16.591

 52, 20.255, 16.591

 42, 20.255, 16.591

 32, 20.255, 16.591

 22, 20.255, 16.591

 12, 20.255, 16.591

 2, 20.255, 16.591

 0, 20.255, 16.591

82, 20.255, 16.591

82, 20.255, 16.591

76, 30.585, 17.860

88, 10.550, 15.576

70, 41.451, 19.465

95, 1.501, 14.418

65, 52.654, 21.529

99, 3.849, 199.333

60, 63.894, 24.177

56, 74.788, 27.503

53, 84.908, 31.457

52, 93.614, 35.611

51, 98.890, 38.360

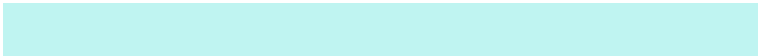
Harmonies

Complementary

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



82, 20.255, 16.591



93, 17.794, 193.261

Rectangle

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



82, 20.255, 16.591



82, 20.255, 66.591



82, 20.255, 196.591



82, 20.255, 246.591

Sweetspot

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



82, 20.253, 16.597



95, 6.419, 15.138



83, 32.888, 323.738



50, 4.180, 15.195



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, 20.253, 16.597



83, 25.505, 17.109



87, 16.681, 65.431



48, 5.087, 15.368



39, 80.174, 37.802



8, 30.675, 22.739

Inverse Universe

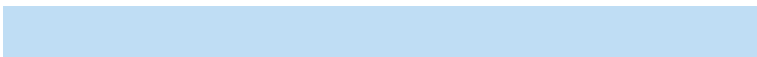
The Inverse Universe completely reimagines the original color for something new.



82, 20.253, 16.597



83, 25.505, 17.109



87, 15.350, 250.855



48, 5.087, 15.368



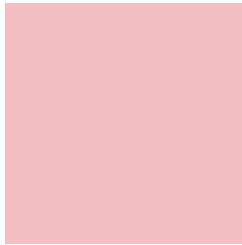
39, 80.174, 37.802



8, 30.675, 22.739

Previews

White Background



This preview shows how the CIELCh color 82, 20.255, 16.591 looks on a white background.

Color Contrast Check

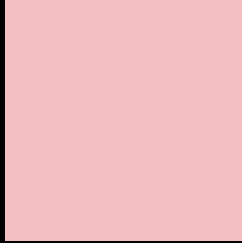
Large Text (above 18pt) WCAG AA × Fail

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, 20.255, 16.591 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, 20.255, 16.591

Background



This preview shows how black text looks on a background with the CIELCh color 82, 20.255, 16.591.



This preview shows how white text looks on a background with the CIELCh color 82, 20.255, 16.591.

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, 20.255, 16.591

Protanopia

82, 2.434, 45.026

Deuteranopia

82, 11.943, 30.381



Tritanopia
82, 22.334, 0.640

Trichromacy



Original Color
82, 20.255, 16.591

Protanomaly
82, 8.614, 23.503

Deuteranomaly
82, 14.876, 24.567

Tritanomaly
82, 21.352, 6.967

Monochromacy



Original Color
82, 20.255, 16.591

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 7.063, 15.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 20.255, 16.591 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(244, 191, 194)` looks like.

```
.text, #text, p{  
    color:rgb(244, 191, 194)  
}
```

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(244, 191, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 191, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 20.255, 16.591 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(244, 191, 194) }
```

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

```
.border{ border-color:rgb(244, 191, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 191, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 191, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 191, 194);  
box-shadow:4px 4px 4px 4px rgb(244, 191,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 20.255, 16.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 191, 194) }
```

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

```
.background{ background-color: rgb(244,  
191, 194) }
```

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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