

Converting Colors

CIELCh(82, 20.656, 18.159)

Have a look what the booklet for
CIELCh(82, 20.656, 18.159) contains.

CIELCh(82, 20.656, 18.159)	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, 20.656, 18.159)

Conversions

Conversions Part 1

Format	Color
Hex	F5BFC1
RGB	245, 191, 193
RGB Percent	96%, 75%, 76%
CMY	0.0406, 0.2523, 0.2445
CMYK	0.00, 0.22, 0.21, 0.04
HSL	358°, 72%, 85%
HSV	358°, 22%, 96%
XYZ	65.6774, 60.2982, 58.4325
YIQ	207.3740, 31.5420, 12.0700

Conversions

Conversions Part 2

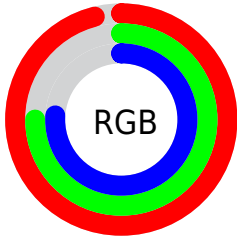
Format	Color
R_{YB}	245, 191, 193
Decimal	16105409
CIE _{Lab}	82.00, 19.63, 6.44
CIE _{LCh}	82, 20.656, 18.159
Y _{xy}	60.2982, 0.3562, 0.3270
Android (android.graphics.Color)	4294295489 (0xFFFF5BFC1)
Y _{UV}	207.3740, -7.0864, 32.9980
Hunter-Lab	77.6519, 15.0832, 9.7410

Details

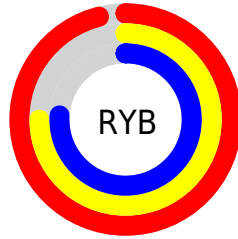
The CIELCh color **82, 20.656, 18.159** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 18.006, 194.969**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.526, 7.689**, and **62, 20.819, 17.010** is the 20% darker color. If you saturate the color by 10%, you get **76, 31.088, 19.401**, and if you desaturate by 10%, it is **88, 10.883, 17.177**.

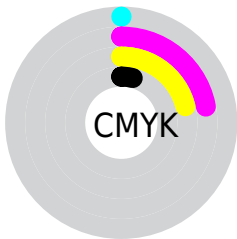
Distribution



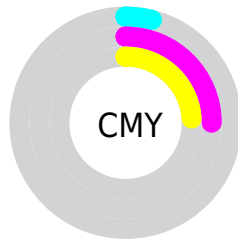
- Red (96%)
- Green (75%)
- Blue (76%)



- 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, 20.656, 18.159 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, 20.656, 18.159 by changing the saturation by 10% instead.

 82, 20.656, 18.159

 82, 20.656, 18.159

 100, 20.656,
18.159

 72, 20.656, 18.159

 62, 20.656, 18.159

 52, 20.656, 18.159

 42, 20.656, 18.159

 32, 20.656, 18.159

 22, 20.656, 18.159

 12, 20.656, 18.159

 2, 20.656, 18.159

 0, 20.656, 18.159

82, 20.656, 18.159

82, 20.656, 18.159

76, 31.088, 19.401

88, 10.883, 17.177

70, 42.093, 20.985

95, 1.794, 16.117

65, 53.479, 23.034

99, 3.579, 199.363

60, 64.945, 25.666

56, 76.099, 28.961

53, 86.459, 32.819

52, 95.181, 36.708

51, 99.897, 38.945

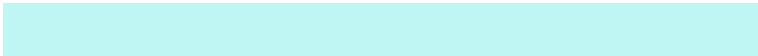
Harmonies

Complementary

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



82, 20.656, 18.159



93, 18.006, 194.969

Rectangle

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



82, 20.656, 18.159



82, 20.656, 68.159



82, 20.656, 198.159



82, 20.656, 248.159

Sweetspot

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



82, 20.654, 18.165



95, 6.409, 16.726



83, 33.639, 324.234



50, 4.174, 16.781



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, 20.654, 18.165



83, 25.534, 18.623



88, 17.097, 67.250



48, 5.081, 16.947



39, 80.932, 38.532



8, 30.790, 23.529

Inverse Universe

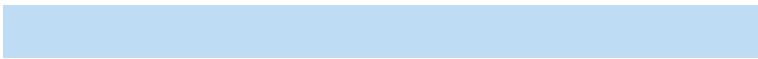
The Inverse Universe completely reimagines the original color for something new.



82, 20.654, 18.165



83, 25.534, 18.623



86, 15.809, 252.928



48, 5.081, 16.947



39, 80.932, 38.532



8, 30.790, 23.529

Previews

White Background



This preview shows how the CIELCh color 82, 20.656, 18.159 looks on a white background.

Color Contrast Check

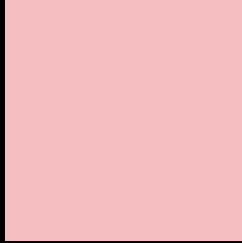
Large Text (above 18pt) WCAG AA × Fail

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, 20.656, 18.159 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, 20.656, 18.159

Background



This preview shows how black text looks on a background with the CIELCh color 82, 20.656, 18.159.



This preview shows how white text looks on a background with the CIELCh color 82, 20.656, 18.159.

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, 20.656, 18.159

Protanopia

82, 2.704, 55.171

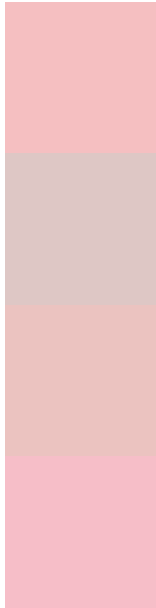
Deuteranopia

82, 12.599, 34.746



Tritanopia
82, 22.690, 1.020

Trichromacy



Original Color
82, 20.656, 18.159

Protanomaly
82, 8.678, 26.961

Deuteranomaly
82, 15.343, 26.432

Tritanomaly
82, 21.725, 7.255

Monochromacy



Original Color
82, 20.656, 18.159

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 7.438, 15.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 20.656, 18.159 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(245, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(245, 191, 193)  
}
```

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(245, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 191, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 20.656, 18.159 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(245, 191, 193) }
```

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

```
.border{ border-color:rgb(245, 191, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 191, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(245, 191,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 20.656, 18.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 191, 193) }
```

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

```
.background{ background-color: rgb(245,  
191, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor