

Converting Colors

CIE LCh(81, 19.182, 21.586)

Have a look what the booklet for
CIELCh(81, 19.182, 21.586) contains.

CIELCh(81, 19.188, 20.934)	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(81, 19.188, 20.934)

Conversions

Conversions Part 1

Format	Color
Hex	EFBDBD
RGB	239, 189, 189
RGB Percent	94%, 74%, 74%
CMY	0.0624, 0.2585, 0.2585
CMYK	0.00, 0.21, 0.21, 0.06
HSL	0°, 61%, 84%
HSV	0°, 21%, 94%
XYZ	63.0322, 58.4711, 56.1522
YIQ	203.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

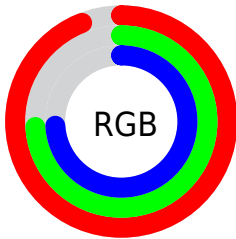
Format	Color
R _Y B	239, 189, 189
Decimal	15711677
CIE Lab	81.00, 17.92, 6.86
CIE LCh	81, 19.188, 20.934
Yxy	58.4711, 0.3548, 0.3291
Android (android.graphics.Color)	4293901757 (0xFFEFBDBD)
YUV	203.9500, -7.3703, 30.7389
Hunter-Lab	76.4664, 13.3235, 9.9876

Details

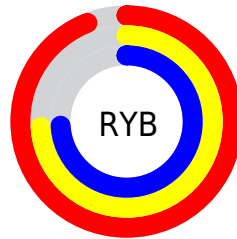
The CIELCh color **81, 19.188, 20.934** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 16.697, 198.352**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 3.545, 19.458**, and **61, 18.863, 21.338** is the 20% darker color. If you saturate the color by 10%, you get **75, 29.464, 22.057**, and if you desaturate by 10%, it is **87, 9.624, 20.061**.

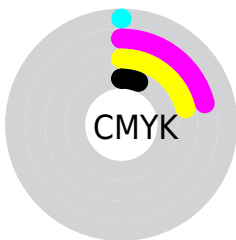
Distribution



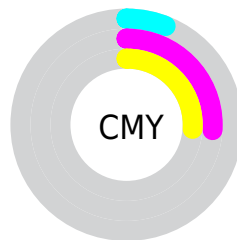
- Red (94%)
- Green (74%)
- Blue (74%)



- Red (94%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (6%)



- Cyan (6%)
- Magenta (26%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 19.188, 20.934 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 81, 19.188, 20.934 by changing the saturation by 10% instead.

 81, 19.188, 20.934

 81, 19.188, 20.934

 100, 19.188,
20.934

 71, 19.188, 20.934

 61, 19.188, 20.934

 51, 19.188, 20.934

 41, 19.188, 20.934

 31, 19.188, 20.934

 21, 19.188, 20.934

 11, 19.188, 20.934

 1, 19.188, 20.934

 0, 19.188, 20.934

81, 19.188, 20.934

81, 19.188, 20.934

75, 29.464, 22.057

87, 9.624, 20.061

69, 40.393, 23.511

94, 0.776, 18.659

64, 51.815, 25.413

99, 5.474, 199.180

59, 63.455, 27.875

55, 74.920, 30.953

52, 85.639, 34.505

51, 94.475, 37.897

50, 99.594, 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.



81, 19.188, 20.934



91, 16.697, 198.352

Rectangle

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



81, 19.188, 20.934



81, 19.188, 70.934



81, 19.188, 200.934



81, 19.188, 250.934

Sweetspot

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



81, 19.186, 20.941



96, 5.467, 19.664



82, 31.745, 325.584



51, 3.636, 19.720



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 19.186, 20.941



83, 24.558, 21.372



87, 16.233, 72.805



47, 4.992, 19.946



38, 81.701, 39.996



8, 29.834, 23.811

Inverse Universe

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



91, 16.697, 198.352



96, 20.729, 198.150



85, 15.351, 258.480



49, 4.701, 198.975



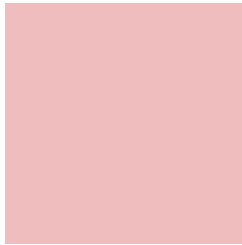
68, 39.152, 196.401



21, 17.092, 196.399

Previews

White Background



This preview shows how the CIELCh color 81, 19.188, 20.934 looks on a white background.

Color Contrast Check

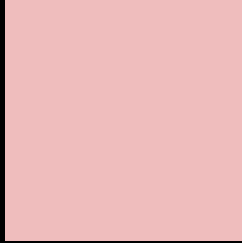
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 81, 19.188, 20.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

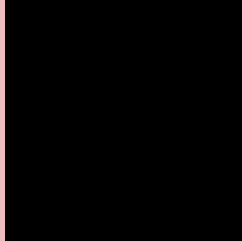
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 19.188, 20.934

Background



This preview shows how black text looks on a background with the CIELCh color 81, 19.188, 20.934.

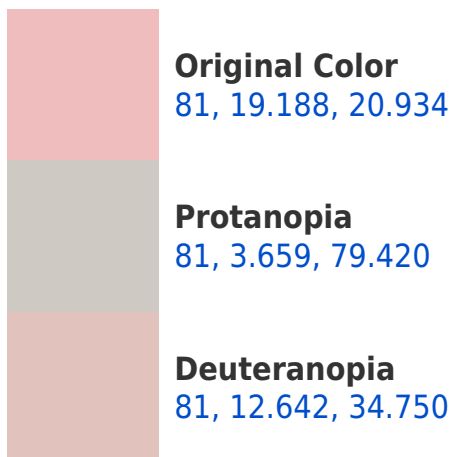


This preview shows how white text looks on a background with the CIELCh color 81, 19.188, 20.934.

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](#).

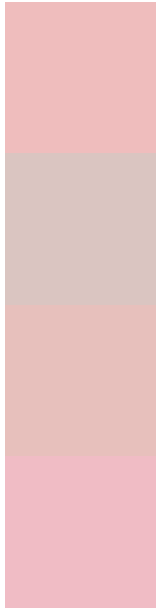
Dichromacy





Tritanopia
81, 21.666, 359.869

Trichromacy



Original Color
81, 19.188, 20.934

Protanomaly
81, 8.175, 34.885

Deuteranomaly
81, 15.103, 28.534

Tritanomaly
81, 20.184, 7.530

Monochromacy



Original Color
81, 19.188, 20.934

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.690, 19.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 19.188, 20.934 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(239, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(239, 189, 189)  
}
```

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(239, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 189, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 19.188, 20.934 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(239, 189, 189) }
```

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

```
.border{ border-color:rgb(239, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(239, 189,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 19.188, 20.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 189, 189) }
```

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

```
.background{ background-color: rgb(239,  
189, 189) }
```

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