

Converting Colors

CIE LCh(79, 12.012, 18.119)

Have a look what the booklet for
CIELCh(79, 12.012, 18.119) contains.

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Color

CIELCh(79, 12.147, 17.855)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DCBCBD |
| RGB | 220, 188, 189 |
| RGB Percent | 86%, 74%, 74% |
| CMY | 0.1368, 0.2623, 0.2584 |
| CMYK | 0.00, 0.15, 0.14, 0.14 |
| HSL | 358°, 31%, 80% |
| HSV | 358°, 15%, 86% |
| XYZ | 56.7562, 54.9284, 55.8200 |
| YIQ | 197.6820, 18.7510, 7.0950 |

Conversions

Conversions Part 2

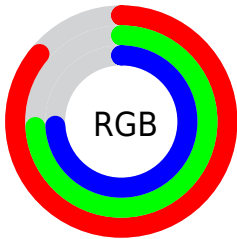
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 188, 189 |
| Decimal | 14466237 |
| CIE Lab | 79.00, 11.56, 3.72 |
| CIE LCh | 79, 12.147, 17.855 |
| Yxy | 54.9284, 0.3388, 0.3279 |
| Android (android.graphics.Color) | 4292656317 (0xFFDCBCBD) |
| YUV | 197.6820, -4.2802, 19.5729 |
| Hunter-Lab | 74.1137, 6.9961, 7.2243 |

Details

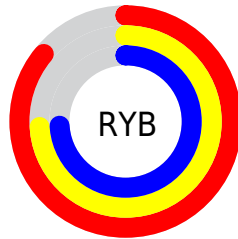
The CIELCh color **79, 12.147, 17.855** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 11.120, 195.965**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 3.938, 12.069**, and **59, 12.162, 18.001** is the 20% darker color. If you saturate the color by 10%, you get **73, 21.269, 18.883**, and if you desaturate by 10%, it is **85, 3.651, 16.963**.

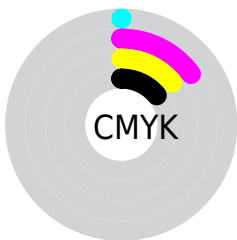
Distribution



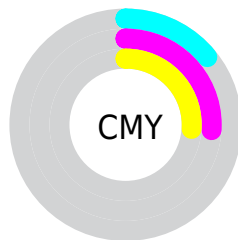
- Red (86%)
- Green (74%)
- Blue (74%)



- Red (86%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 12.147, 17.855 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 79, 12.147, 17.855 by changing the saturation by 10% instead.


 79, 12.147, 17.855

 79, 12.147, 17.855

 100, 12.147,
17.855

 69, 12.147, 17.855

 99, 12.147, 17.855

 59, 12.147, 17.855

 49, 12.147, 17.855

 39, 12.147, 17.855

 29, 12.147, 17.855

 19, 12.147, 17.855

 9, 12.147, 17.855

 0, 12.147, 17.855

 79, 12.147, 17.855

 79, 12.147, 17.855

73, 21.269, 18.883

85, 3.651, 16.963

68, 30.995, 20.170

91, 4.230, 196.633

62, 41.224, 21.826

97, 11.543,
196.032

57, 51.762, 23.967

98, 11.764,
198.720

53, 62.318, 26.706

50, 72.518, 30.092

48, 81.867, 33.952

46, 89.403, 37.606

46, 92.294, 38.984

Harmonies

Complementary

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



79, 12.147, 17.855



86, 11.120, 195.965

Rectangle

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



79, 12.147, 17.855



79, 12.147, 67.855



79, 12.147, 197.855



79, 12.147, 247.855

Sweetspot

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



79, 12.145, 17.864



97, 3.621, 16.908



80, 20.395, 324.304



51, 2.580, 16.990



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 12.145, 17.864



88, 16.159, 18.109



83, 10.200, 69.976



43, 4.639, 17.412



36, 76.898, 38.648



5, 23.793, 18.928

Inverse Universe

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



79, 12.145, 17.864



88, 16.159, 18.109



82, 9.753, 253.684



43, 4.639, 17.412



36, 76.898, 38.648



5, 23.793, 18.928

Previews

White Background



This preview shows how the CIELCh color 79, 12.147, 17.855 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 79, 12.147, 17.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

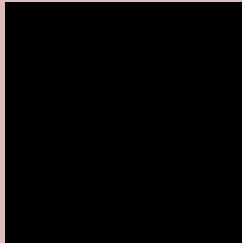
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 12.147, 17.855

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.147, 17.855.



This preview shows how white text looks on a background with the CIELCh color 79, 12.147, 17.855.

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


79, 12.147, 17.855

Protanopia

79, 2.123, 49.341

Deuteranopia

79, 10.599, 20.210



Tritanopia
79, 15.566, 349.889

Trichromacy



Original Color
79, 12.147, 17.855

Protanomaly
79, 5.601, 19.754

Deuteranomaly
79, 10.985, 20.243

Tritanomaly
79, 13.773, 357.863

Monochromacy



Original Color
79, 12.147, 17.855

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.488, 12.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.147, 17.855 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(220, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 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(220, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.147, 17.855 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(220, 188, 189) }
```

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

```
.border{ border-color:rgb(220, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 188, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 188, 189); box-shadow:4px 4px 4px 4px rgb(220, 188, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.147, 17.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 189) }
```

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

```
.background{ background-color: rgb(220,  
188, 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](#).

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